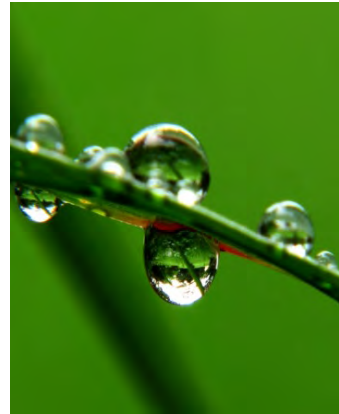


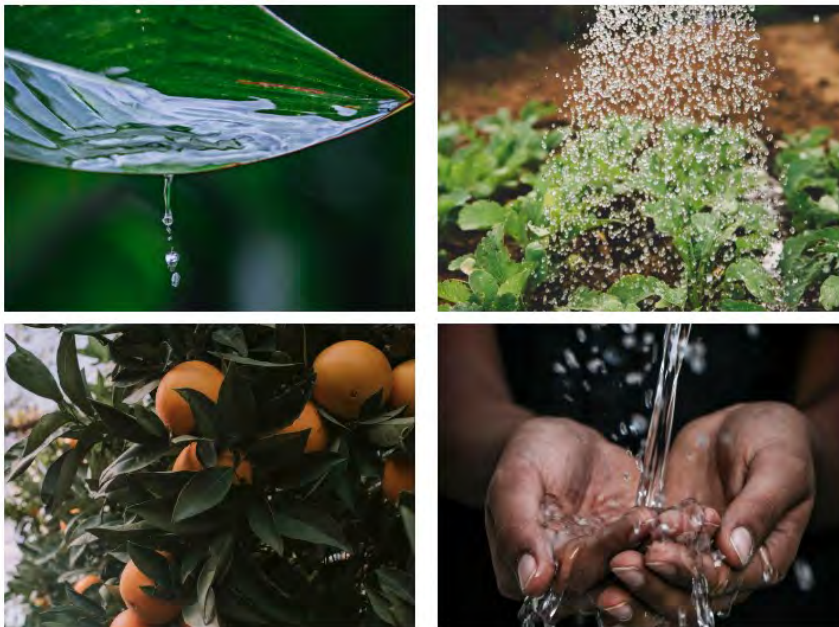
AGROLINE CATALOGUE 2024



intra

FILTRATION

Start the irrigation system properly with clean, filtered water. Choose from our wide product range the units or systems that best suit the needs of the greenhouses, nurseries, crops and hydroponic facilities.



Intra Trading & Consulting

Phone: +30 2310 580 060
WhatsApp: +30 6974452956
email: sales@intra.gr
web: www.intra.gr



Filtration



1 | MANUAL FILTERS

- FY Screen Filter
- Pg.2** FYLCM Screen Brush Filter
- FYCIC Cyclone Filter
- FL Screen Filter
- Pg.3** FCY Strainer PN10 Y type
- FCL Strainer PN10 L type
- HD Hydrocyclone
- Pg.4** FL Disc Filter L type
- FY Disc Filter Y type

2 | MEDIA FILTERS

- FAB with Arm Collectors
- Pg.6** FAC with Filter Nozzles
- Dual Chamber Manual
- Dual Chamber Automatic
- MFAB Modular Media, Arm Collectors MANUAL
- MFAB Modular Media, Arm Collectors AUTO
- Pg.7** MFAC Modular Media, Nozzles Plate MANUAL
- MFAC Modular Media, Nozzles Plate AUTO

3 | SELF-CLEANING FILTERS

- FMA-1000
- Pg.9** FMA-1000E
- FMA-4000
- FMA-4000E
- FMA-2000
- Pg.10** FMA-5000V
- FMA-6000
- FMA-7000
- Pg.11** FMA-9000
- FMA-10000
- Pg.12** Suction Strainer AS

4 | RED LINE FILTERS

- Spin Filter K
- Brush Spin Filter KRB
- Screen Filter C
- Screen Filter C Double
- Pg.14** Screen Filter O
- Disc Filter D
- Sprinkler Filter S
- Strainer Filter SY
- Hydrocyclone Y Mini
- Hydrocyclone Y Standard
- Hydrocyclone HCY
- Pg.15** Compact System KE
- Fertilizer Tank L
- Metal Pipes for Control Head
- Control Head
- Self-Cleaning Suction Filter AF
- Sand Media Filter X Single
- Dual Chamber Sand Media Filter XDC
- Pg.16** Sand Filter Battery Manual
- Sand Filter Battery Auto
- Sand

5 | PLASTIC FILTERS

- AD-SL Simple Auto Disc Filter Battery
- AD-DL Double Line Auto Disc Filter Battery
- Pg.18** AD Automatic Disc Filter
- AD-SL Control Panel Module
- AD-DL Control Panel Module
- MD Manual Disc Filter
- MTD Manual Disc Filter
- PYD Y pattern Disc Filter
- Pg.19** MS Screen Filter
- MTS Screen Filter
- PYS Y pattern Screen Filter
- SAS Semi-Auto Screen Filter
- Screen Filter 1" BSP 10bar
- Screen Filter 1^{1/2}" BSP 10bar
- Screen Filter 1^{1/4}" BSP 10bar
- Screen Filter 2" BSP 10bar
- Pg.20** Screen Filter 2"L BSP 10bar
- Screen Filter 3" BSP 10bar
- In Line Screen Filter 8bar
- Hydrocyclonic Screen Filter 8bar
- In-Line Special 6Atm
- In-Line Special 6Atm
- In Line Filter Large 6Atm
- In Line Filter Small
- Elbow Screen Filter Large
- Elbow Screen Filter Small
- Pg.21** Tee Screen Filter Large
- Tee Screen Filter Small
- Cartridges for In-Line Screen Filters
- Cartridges for In-Line Disk Filters
- Cartridges for Special Filters
- Cartridges for In-Line Filter S & L
- YDV online Filters PN10
- YEV online Filters PN10
- YDV Filters PN10 swivel
- YEV Filters PN10 swivel
- YCV online Filters PN10
- YFV online Filter PN8
- Pg.22** YGG online Filters PN8
- YGF online Filters PN8
- YHG online Filters PN8
- YHF online Filters PN8
- Cartridges for Models YCV-YDV-YEV-YFV
- Cartridges for Models YGG-YHG-YGF-YHF



MANUAL FILTERS



MANUAL FILTERS

Manual filters are commonly used as safety guards. The wide range and various types affirm that it is an effective, cost-effective solution for specific applications and uses in agriculture and industry. High efficiency is guaranteed thanks to the large filtration surface and the reduced load loss.



MANUAL FILTERS

FY SCREEN FILTER

Model	Inlet	Screen	Flow
Type A	inch	µm	m³/h
FY2R-125	2"	125	20
FY3-125	3"	125	40
FY4165-125	4"	125	80
FY2-2000	2"	2000	24
FY3-2000	3"	2000	48
FY4165-2000	4"	2000	96



Type B	Inlet	Grade	max
FY4220-125	4"	125	100
FY5-125	5"	125	100
FY6-125	6"	125	150
FY8-125	8"	125	300
FY10-125	10"	125	400
FY12-125	12"	125	475



Type B	Inlet	Grade	max
FY4220-2000	4"	2000	120
FY5-2000	5"	2000	120
FY6-2000	6"	2000	180
FY8-2000	8"	2000	360
FY10-2000	10"	2000	480
FY12-2000	12"	2000	570



PVC cartridge with AISI316 screen filtration grade 125 microns | 2000- AISI304 stainless steel cartridge with 2 mm coarse screen

FYLCM BRUSH FILTER

Model	Inlet	Screen	Flow
Type A	inch	µm	m³/h
FY2LCMR-125	2"	125	20
FY3LCM-125	3"	125	40
FY4LCM-125	4"	125	100
FY5LCM-125	5"	125	100
FY6LCM-125	6"	125	150



PVC cartridge with AISI316 screen, filtration grade 125 microns | Also available with AISI304 stainless steel cartridge with 2 mm coarse screen



FYCIC CYCLONE FILTER

Model	Inlet	Screen	Flow
Type A	inch	µm	m³/h
FY2CIC-125	2"	125	20
FY3CIC-125	3"	125	40
FY4CIC-125	4"	125	100
FY5CIC-125	5"	125	100



Type B	inch	µm	m³/h
FY6CIC-125	6"	125	150
FY6CIC-2000	6"	2000	180



125µm- PVC cartridge with AISI316 screen, filtration grade 125 microns | 2000mm- AISI304 stainless steel cartridge with 2 mm coarse screen





MANUAL FILTERS

FL SCREEN

Model	Inlet	Screen	Flow
Type A	inch	µm	m³/h
FL2-125	2"	125	20
FL3-125	3"	125	40
FL4-125	4"	125	80
Type B	inch	µm	m³/h
FL4-220-125	4"	125	100
FL5-125	5"	125	100
FL6-125	6"	125	180
FL6L-125	6"	125	180
FL8-125	8"	125	360
FL10-125	10"	125	480
FL12-125	12"	125	570



125- PVC cartridge with AISI316 screen, filtration grade 125 microns | Also available with AISI304 stainless steel cartridge with 2 mm coarse screen

FCY STRAINER PN10 Y type

Model	Inlet	Screen	Surface
Model	inch	µm	cm²
FCY2-R-PN10	2"	125	585
FCY2-PN10	2"	125	585
FCY3-PN10	3"	125	790
FCY4-PN10	4"	125	1015
FCY5-PN10	5"	125	1490
FCY6-PN10	6"	125	1540
FCY8-PN10	8"	125	2690
FCY10-PN10	10"	125	4750
FCY12-PN10	12"	125	6190
FCY14-PN10	14"	125	7245
FCY16-PN10	16"	125	10112
FCY20-PN10	20"	125	14740
FCY24-PN10	24"	125	
FCY28-PN10	28"	125	
FCY32-PN10	32"	125	



AISI304 stainless steel cartridge with 4 mm coarse screen | Also available in PN16



CL STRAINER PN10 L type

Model	Inlet	Screen	Surface
Type	inch	µm	cm²
FCL2-R-PN10	2"	125	585
FCL2-PN10	2"	125	585
FCL3-PN10	3"	125	790
FCL4-PN10	4"	125	1015
FCL5-PN10	5"	125	1490
FCL6-PN10	6"	125	1540
FCL8-PN10	8"	125	2690
FCL10-PN10	10"	125	
FCL12-PN10	12"	125	




AISI304 stainless steel cartridge with 4 mm coarse screen | Also available in PN16







MANUAL FILTERS

HD HYDROCYCLONE	Model	Inlet	Connection	Flow
		inch	type	m ³ /h
	HD-2	2"	T	25
	HD-3	3"	F	50
	HD-4	4"	F	85
	HD-6	6"	F	
	HD-8	8"	F	

T= Thread BSP | F = Flange DIN2576/PN10 | Max. working pressure: 8bar



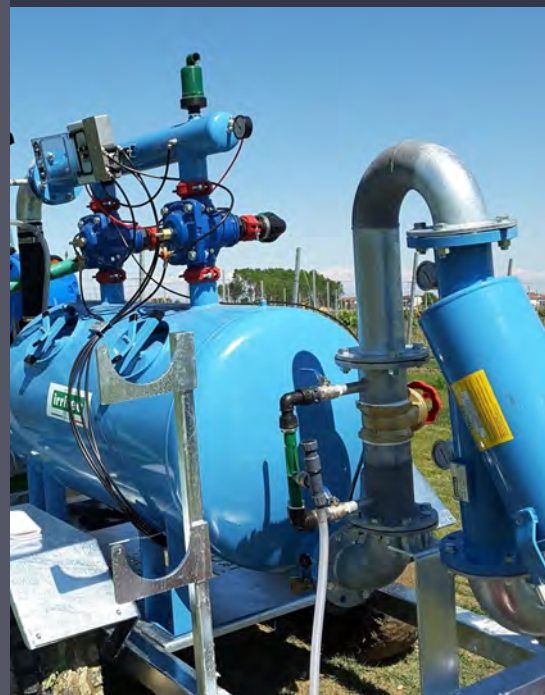
FL DISC FILTER L type	Model	Inlet	Connection	Flow
	Type	inch	type	m ³ /h
	FL2-AN	2"	T	25
	FL3-AN	3"	F	50
	FL4-AN	4"	F	80

FY DISC FILTER Y type	Model	Inlet	Connection	Flow
	Type	inch	type	m ³ /h
	FY2-AN	2"	T	25
	FY3-AN	3"	F	50
	FY4-AN	4"	F	80





MEDIA FILTERS



MEDIA FILTERS

One of the most effective way to clean large volumes of irrigation water containing high amount of organic matter (algae, mud and slimy particles of organic mix). They are the best solution for any large scale drip or micro irrigation system which uses water from canals, rivers, lakes or reservoirs.



MEDIA FILTERS

FAB Arm Collectors



Model	Inlet	Surface	Nominal Flow	River Flow	Sand
code	inch	m ²	m ³ /h	m ³ /h	kg
FAB-500	1 1/2"	0,20	15	10	100
FAB-600	2"	0,28	23	11	
FAB-700	3"	0,38	25	15	225
FAB-900	3"	0,64	25	19	425
FAB-950	3"	0,71	45	28	500
FAB-1200	4"	1,13	75	45	800



Max.working pressure: 8bar | For media 1mm - 2mm (Optional for 0,8mm-1,2mm upon agreement)

FAC Nozzles



Model	Inlet	Surface	Nominal Flow	River Flow	Sand
code	inch	m ²	m ³ /h	m ³ /h	kg
FAC-500	1 1/2"	0,20	15	10	75
FAC-600	2"	0,28	23	11	
FAC-700	3"	0,38	25	15	150
FAC-900	3"	0,64	25	19	325
FAC-950	3"	0,71	45	28	375
FAC-1200	4"	1,13	75	45	550



Max.working pressure: 8bar | For media 1mm - 2mm (Optional for 0,8mm-1,2mm upon agreement)

DUAL CHAMBER MANUAL



Model	Inlet	Diameter	Nominal Flow	River Flow	Sand
code	inch	Ø	m ³ /h	m ³ /h	kg
ERV15	1 1/2" FT	Ø400	11		60
ERV20	2" FT	Ø500	30		120
ERV30	3" F	Ø600	60		200
ERV40	4" F	Ø750	80		300
ERV50	5" F	Ø850	110		600

with Filter Nozzles - sand NOT included | Max.working pressure: 8bar | With nozzles for media 1mm - 2mm (Optional for 0,8mm-1,2mm upon agreement)

DUAL CHAMBER AUTOMATIC



Model	Inlet	Diameter	Nominal Flow	River Flow	Sand
code	inch	Ø	m ³ /h	m ³ /h	kg
ER3V15	1 1/2" FT	Ø400	11		60
ER3V20	2" FT	Ø500	30		120
ER3V30	3" F	Ø600	60		200
ER3V40	4" F	Ø750	80		300
ER3V50	5" F	Ø850	110		600

with Filter Nozzles - sand NOT included | Max.working pressure: 8bar | With nozzles for media 1mm - 2mm (Optional for 0,8mm-1,2mm upon agreement)



MEDIA FILTERS

MFAB MODULAR MEDIA FILTERS Arm Collectors



Model	Surface	Nominal Flow	River Flow	Backwash Flow
AUTO				
	m ²	m ³ /h	m ³ /h	m ³ /h
1 FAB500 + 1 FY2-M	0,20	15	10	8
1 FAB700 + 1 FY2-M	0,38	25	19	15
1 FAB950 + 1 FY3-M	0,71	41	35	28
2 FAB700 + 1 FY3-M	0,77	50	38	15
2 FAB950 + 1 FY4-M	1,42	92	71	28
3 FAB950 + 1 FY6-M	2,13	138	106	28
4 FAB950 + 1 FY6-M	2,84	184	142	28
2 FAB1200 + 1 FY6-M	2,26	147	113	45
3 FAB1200 + 1 FY6-M	3,39	221	170	45
4 FAB1200 + 1 FY6-M	4,52	294	226	45
MANUAL				
	m ²	m ³ /h	m ³ /h	m ³ /h
1 FAB700 + 1 FY2-M	0,38	25	19	15
1 FAB950 + 1 FY3-M	0,71	41	35	28

MFAC MODULAR MEDIA FILTERS Nozzles Plate



Model	Surface	Nominal Flow	River Flow	Backwash Flow
AUTO				
	m ²	m ³ /h	m ³ /h	m ³ /h
1 FAC500 + 1 FY2-M	0,20	15	10	8
1 FAC700 + 1 FY2-M	0,38	25	19	15
1 FAC950 + 1 FY3-M	0,71	41	35	28
2 FAC700 + 1 FY3-M	0,77	50	38	15
2 FAC950 + 1 FY4-M	1,42	92	71	28
3 FAC950 + 1 FY6-M	2,13	138	106	28
4 FAC950 + 1 FY6-M	2,84	184	142	28
2 FAC1200 + 1 FY6-M	2,26	147	113	45
3 FAC1200 + 1 FY6-M	3,39	221	170	45
4 FAC1200 + 1 FY6-M	4,52	294	226	45
AUTO				
	m ²	m ³ /h	m ³ /h	m ³ /h
1 FAC700 + 1 FY2-M	0,38	25	19	15
1 FAC950 + 1 FY3-M	0,71	41	35	28





SELF-CLEANING FILTERS



SELF-CLEANING

Self-Cleaning filters offer continuous automatic operation, low water consumption for cleaning, no interruption of downstream flow when cleaning, automatic flushing based on pressure-differential, hydraulic and electric control options. Removal of both organic (algae, debris) as well as sand and inorganic particles.



SELF-CLEANING FILTERS

FMA-1000 HYDRAULIC



System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA1002	50	25	18	910	3,0	5,0
FMA1003	90	50	30	1600	6,5	12,5
FMA1004	150	70	50	2475	14,0	15,0
FMA1006	280	90	70	4950	23,0	30,0

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes
PP Backwash valves | Body also available in Stainless steel AISI304 & AISI316

FMA-1000E ELECTRIC



System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA1002E	80	50	30	1600	3,0	5,0
FMA1003E	90	55	35	1600	6,5	12,5
FMA1004E	150	75	55	2400	14,0	15,5
FMA1006E	280	100	75	4800	23,0	53,0

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves | Body also available in Stainless steel AISI304 & AISI316

FMA-4000 HYDRAULIC



System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA4003	110	70	50	2475	3	25
FMA4004	200	90	74	4950	6,5	49
FMA4006	270	160	120	7425	14	110
FMA4008	410	250	190	9900	23	178
FMA4010	580	320	270	12375	28	238

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves | Body also available in Stainless steel AISI304 & AISI316

FMA-4000E ELECTRIC



System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA4003E	110	70	50	2475	3	25
FMA4004E	200	90	70	4950	6,5	49
FMA4006E	270	160	120	7425	14	110
FMA4008E	410	250	190	9900	23	178
FMA4010E	580	320	270	12375	28	238

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves | Body also available in Stainless steel AISI304 & AISI316



SELF-CLEANING FILTERS

FMA-2000 ELECTRIC



System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA2003E	120	60	48	8685	5	35
FMA2004E	235	110	90	10700	10	70
FMA2006E	500	215	173	12910	15	105
FMA2008E	700	320	256	14485	20	140
FMA2010E	1150	580	464	15610	25	175
FMA2012E	1400	700	560	20500	20	140
FMA2014E	1800	900	720	22290	25	175

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves | Body also available in Stainless steel AISI304 & AISI316

FMA-5000V

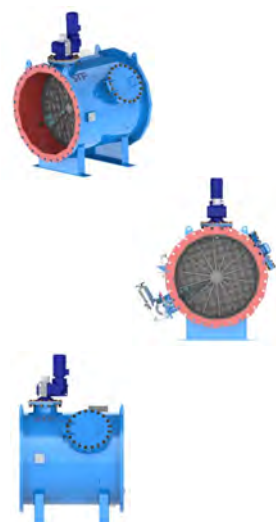


System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA5003V	1000	650	500	28156	428	159.885
FMA5006V	2000	1300	1000	56313	856	214.498
FMA5009V	3000	1950	1500	84469	1284	249.819
FMA5012V	4000	2600	2000	112626	1712	312.274
FMA5015V	5000	3250	2500	140782	2140	390.342

Carbon steel Housing | AISI316 cartridge | Operating Voltage 380/400V AC 50/60 Hz 3phase | Controller 24V DC | Min/Max pressure:2bar/10bar | Screen degrees: 74, 100, 125, 200 micron

FMA-6000 ELECTRIC

Available sizes up to dn 3000 (120")



System Unit	Inlet / Outlet		Flow Rate		Area		
	Electric	Inlet	Outlet	m ³ /s	m ³ /s	Installed	Installed
code	DN	inches	screen 1,5x1,5	screen 2x2	cm ²	Kw	
FMA6020	500	20"	0,19	0,36	1500	1,48	
FMA6024	600	24"	0,30	0,56	2340	1,68	
FMA6028	700	28"	0,19	0,36	3140	1,75	
FMA6032	800	32"	0,30	0,56	4040	1,83	
FMA6036	900	36"	0,19	0,36	4980	2,10	
FMA6040	1000	40"	0,30	0,56	6810	2,57	
FMA6044	1100	44"	0,19	0,36	7950	2,80	
FMA6048	1200	48"	0,30	0,56	9530	3,35	
FMA6052	1300	52"	0,19	0,36	11200	3,50	
FMA6056	1400	56"	0,30	0,56	13500	3,70	
FMA6060	1500	60"	0,19	0,36	15450	4,10	
FMA6064	1600	64"	0,19	0,36	1500	1,48	
FMA6068	1700	68"	0,30	0,56	2340	1,68	
FMA6072	1800	72"	0,19	0,36	3140	1,75	
FMA6076	1900	76"	0,30	0,56	4040	1,83	

Max working pressure 4bar | Carbon Steel Housing | AISI316 Stainless Steel Cartridge | Operating Voltage 380V



SELF-CLEANING FILTERS

FMA-7000 ELECTRIC



System Unit	Flow Rate		Surface	Backwash
	50µm	20µm	Area	Consumption
	Size	m ³ /h	m ³ /h	cm ²
FMA7000UV	25	15	2900	65
FMA7000UVL	25	25	5380	70

AISI304 Housing | AISI304 Cartridge | Operating Voltage 400V AC 50Hz 3phase+N | Control Voltage 24V DC

FMA-9000 ELECTRIC



System Unit	Flow Rate	High Quality Flow	Medium Flow	Surface	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	lit
FMA9006	500	215	173	7990	105
FMA9008	700	320	256	10600	140
FMA9010	1150	580	464	13210	175
FMA9012	1400	700	560	16500	140
FMA9014	1800	900	720	21300	175

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves

FMA-10000 ELECTRIC



System Unit	Flow Rate	High Quality Flow	Medium Flow	Surface	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	lit
FMA10210	2300	1160	928	26420	350
FMA10212	3450	1740	1392	39630	350
FMA10214	4600	2320	1856	52840	350
FMA10310	2800	1400	1120	33000	525
FMA10312	4200	2100	1680	49500	525
FMA10314	5600	2800	2240	66000	525
FMA10410	3600	1800	1440	42600	700
FMA10412	5400	2700	2160	63900	700
FMA10414	7200	3000	2880	85200	700

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves





SELF-CLEANING FILTERS

FS SELF-CLEANING STRAINER HYDRAULIC



System Unit	Inlet/Outlet	Max Flow	Surface	Weight
code	DN	m ³ /h	cm ²	kg
FS04	100 (4")	100	5090	25
FS06	150 (6")	230	6420	35
FS08	200 (8")	380	8355	45
FS10	250 (10")	550	11085	60
FS12	300 (12")	750	15455	70
FS14	350 (14")	1000	21270	120
FS16	400 (16")	1200	21270	160





RED LINE FILTERS



RED LINE FILTERS

A wide range of cost-effective solutions for specific applications and uses in agriculture and industry.



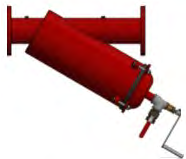
RED LINE FILTERS

SPIN FILTER K



Model code	Inlet inch	Flow max m ³ /h
05-01-200	2"	31
05-01-250	2 ^{1/2} "	35
05-01-300	3"	40
05-01-400	4"	70
05-01-500	5"	120
05-01-311	6"	120
05-01-600	6"S	150
05-01-601	6"L	180
05-01-801	8"	180

BRUSH SPIN FILTER KRB



Model code	Inlet inch	Flow max m ³ /h
05-05-201	2"	31
05-05-251	2 ^{1/2} "	35
05-05-301	3"	40
05-05-401	4"	70
05-05-501	5"	120
05-05-601	6"	120
05-05-602	6"S	150
05-05-603	6"L	180
05-05-803	8"	180

SPRINKLER FILTER S



Model code	Inlet inch	Flow max m ³ /h
Ø1,5 mm		
05-04-056	2"	25
05-04-057	3"	50
05-04-058	4"	80
05-04-089	5"	150
05-04-059	6"	150

Also available
Ø1mm, Ø2mm, Ø2,5mm, Ø4mm

STRAINER FILTER SY



Model code	Inlet inch	Flow max m ³ /h
Ø1.5 mm		
05-12-202	2"	25
05-12-302	3"	45
05-12-402	4"	80
05-12-502	5"	110
05-12-602	6"	160
05-12-802	8"	300
05-12-112	10"	600
05-12-122	12"	850

Also available
Ø1mm, Ø1,5mm, Ø2mm, Ø2,5mm

SCREEN FILTER C



Model code	Inlet inch	Flow max m ³ /h
05-02-200	2"	23
05-02-202	2"L	30
05-02-250	2 ^{1/2} "	35
05-02-300	3"	40
05-02-400	4"	75
05-02-403	4"	90
05-02-600	6"	150

SCREEN FILTER C DOUBLE



Model code	Inlet inch	Flow max m ³ /h
05-02-203	2"	23
05-02-201	2"L	30
05-02-303	3"	40
05-02-401	4"	75

With double cartridge

SCREEN FILTER O



Model code	Inlet inch	Flow max m ³ /h
05-00-102	1"L	5
05-00-151	1 ^{1/2} "L	12
05-00-200	2"	30
05-00-250	2 ^{1/2} "	35
05-00-300	3"	40
05-00-400	4"	80
05-00-500	5"	120
05-00-600	6"	120
05-00-601	6"S	150
05-00-602	6"L	180
05-00-802	8"	220

DISC FILTER D



Model code	Inlet inch	Flow max m ³ /h
05-03-200	2"	25
05-03-300	3"	50
05-03-400	4"	80





RED LINE FILTERS

HYDROCYCLONE Y



Model	Inlet	Flow max
MINI	inch	m ³ /h
05-06-025	1/2"	3
05-06-034	3/4"	5
05-06-100	1"	12
05-06-150	1 1/2"	16

HYDROCYCLONE Y



Model	Inlet	Flow max
STANDARD	inch	m ³ /h
05-06-400	4"	80
05-06-401	4"F	80
05-06-500	5"F	150
05-06-600	6"F	150

HYDROCYCLONE HCY



Model	Inlet	Flow max
NEW	inch	m ³ /h
05-06-205	2"	25
05-06-255	2 1/2"	35
05-06-305	3"	50

FERTILIZER TANK L



Model	Inlet	Capacity
Vertical	inch	lt
05-07-030	1/2"	30
05-07-060	3/4"	60
05-07-090	3/4"	90
05-07-120	3/4"	120
05-07-160	3/4"	160
05-07-220	3/4"	220
Horizontal		
05-07-222	3/4"	220
05-07-300	3/4"	300
05-07-600	2"	600

COMPACT SYSTEM KE



Model	Inlet	Flow max
O filter	inch	m ³ /h
05-10-100	1"	12
05-10-150	1 1/2"	16
05-10-200	2"	25
05-10-250	2 1/2"	35
05-10-300	3"	50
05-10-400	4"	80
K filter		
05-10-201	2"	25
05-10-253	2 1/2"	35
05-10-303	3"	50
05-10-404	4"	80
K filter brush		
05-10-203	2"	25
05-10-255	2 1/2"	35
05-10-307	3"	50
05-10-407	4"	80
05-10-501	5"	120
05-10-602	6"	150
05-10-802	8"-2x6"	300
05-10-607	6"-2x4"	160
05-10-807	8"-3x4"	180

METAL PIPES



Model code	Inlet inch	Outlet type
MTP150	1 1/2"	MT
MTP200	2"	MT
MTP250	2 1/2"	MT
MTP300	3"	MT
MTP400	4"	MT
MTP400F	4"	FL

MT: Male Threaded, FL: Flanged

CONTROL HEAD



Model code	Inlet inch	Connection type
FCH150	1 1/2"	MT
FCH200	2"	MT
FCH250	2 1/2"	MT
FCH300	3"	MT
FCH400	4"	MT
FCH401	4"	FL

MT: Male Threaded FL: Flanged

SELF-CLEANING SUCTION FILTER AF



Model code	Inlet inch	Flow max Filtration		Washing Flow m ³ /h	Washing Pressure m ² /h
		1500µm m ³ /h	2500µm m ³ /h		
05-09-400	4"	80	100	5	2-3
05-09-600	6"	180	230	5	2-3
05-09-800	8"	300	380	5	2-3
05-09-110	10"	420	550	6.5	2-3
05-09-120	12"	600	750	6.5	2-3
05-09-140	14"	800	1000	6.5	2-3
05-09-160	16"	1000	1200	6.5	2-3
05-09-200	20"				

Also available in 2500 micron





RED LINE FILTERS

SAND FILTER X



SINGLE UNIT code	MANUAL KIT code	In/Out inch	Diameter inch	Nominal Flow m ³ /h	River Flow m ³ /h	Sand kgs
05-08-101	BP-12-001	1"	12"	4	2,5	50
05-08-111	BP-16-001	1"	16"	8	4,5	75
05-08-152	BP-15-001	1 1/2"	18"	9	5,5	100
05-08-202	BP-20-001	2"	20"	12	7,0	125
05-08-302	BP-24-001	3"	24"	17	10	225
05-08-485	BP-30-001	3"	30"	27	16	375
05-08-338	BP-36-001	3"	36"	40	23	450
05-08-450	BP-48-001	4"	48"	70	40	825
05-08-339	—	3"F	36"	50	26	450
05-08-340	—	4"F	48"	75	46	825

SAND code	Size mm
06-03-001	1.2-2.4
06-03-003	0.5-0.8
06-03-004	0.8-1.2
06-03-006	3.0-6.0

packed in 25kg bags



FOR COMPLETE SET: SINGLE UNIT + MANUAL KIT + SAND

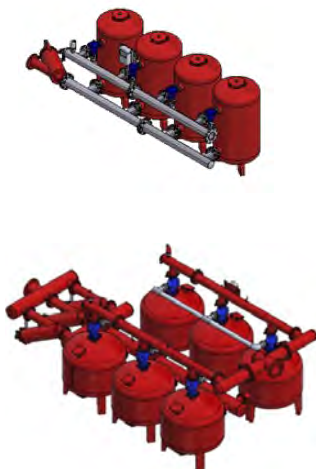
DUAL CHAMBER SAND FILTER XDC



SINGLE UNIT code	MANUAL KIT code	AUTO KIT code	In/Out inch	Dia. mm	Area m ²	Nominal Flow m ³ /h	River m ³ /h	Sand kgs
05-08-155	BP-25-001	BP-25-002	1 1/2"	Ø450	0,38	24	14	175
05-08-212	BP-22-001	BP-22-002	2"	Ø600	0,75	45	26	300
05-08-488	BP-33-011	BP-33-012	3"	Ø750	1,00	66	38	575
05-08-472	BP-44-101	BP-44-103	4"	Ø900	1,60	96	56	850
05-08-459	BP-47-001	BP-47-003	5"	Ø900	1,60	120	80	850

FOR COMPLETE MANUAL SET: SINGLE UNIT + MANUAL KIT + SAND
FOR COMPLETE AUTO SET: SINGLE UNIT + AUTO KIT + SAND

SAND FILTER BATTERY BX



MANUAL code	AUTO code	System no x dia	In Out inch	Surface m ²	Nominal Flow m ³ /h	River m ³ /h	Canal m ³ /h	Waste Water m ³ /h
BX-20-200	BX-20-201	2X20"	3"	0.40	30	16	12	8
BX-20-300	BX-20-301	3X20"	4"	0.60	40	24	18	12
BX-24-200	BX-24-201	2X24"	3"	0.56	45	22	17	11
BX-24-300	BX-24-301	3X24"	4"	0.84	65	34	25	17
BX-36-200	BX-36-201	2X36"	4"	1.30	80	52	39	26
BX-36-300	BX-36-301	3X36"	6"	1.95	150	78	59	39
BX-36-400	BX-36-401	4X36"	6"	2.60	200	104	78	52
BX-36-500	BX-36-501	5X36"	6"	3.25	250	130	98	65
—	BX-36-601	6X36"	8"	3.90	300	156	117	78
BX-48-200	BX-48-201	2X48"	6"	2.30	140	92	69	46
BX-48-300	BX-48-301	3X48"	6"	3.45	210	138	104	69
BX-48-400	BX-48-401	4X48"	8"	4.60	270	184	138	92
BX-48-500	BX-48-501	5X48"	8"	5.75	330	230	173	115
—	BX-48-601	6X48"	10"	6.90	420	276	207	138
—	BX-48-801	8X48"	10"	9.20	560	368	276	184
—	BX-48-101	10X48"	12"	11.50	700	460	345	230
—	BX-48-121	12X48"	12"	13.80	840	552	414	276
—	BX-48-141	14X48"	14"	16.10	980	644	483	322
—	BX-48-161	16X48"	16"	18.40	1120	736	552	368
—	BX-48-181	18X48"	16"	20.70	1260	828	621	414
—	BX-48-241	24X48"		27.60	1680	1104	828	552

Complete Battery WITH BACK-UP FILTERS | Sand NOT included



PLASTIC FILTERS



PLASTIC FILTERS

High-quality plastic filters for a wide range of filtration applications. Suitable for virtually any domestic, agricultural or industrial application. Made of high quality non-corrosive materials- polyester, polypropylene, stainless steel and nitrile rubber seals.



PLASTIC FILTERS

AD-SL SIMPLE AUTO DISC FILTER BATTERY



Model	No of Filters	Manifold inlet/Outlet	Surface	High Quality	Medium Quality	Low Quality
code	inch x qty	mm	cm ²	m ³ /h	m ³ /h	m ³ /h
				<50ppm	51-75ppm	76-100ppm
AD-SL-2x2-AA-130	2"x2	DN80	3240	48	44	40
AD-SL-03x2-AB-130	2"x3	DN100	4860	72	66	60
AD-SL-04x2-AC-130	2"x4	DN150	6480	96	88	80
AD-SL-05x2-AD-130	2"x5	DN150	8100	120	110	100
AD-SL-06x2-AE-130	2"x6	DN150	9720	144	132	120
AD-SL-07x2-AF-130	2"x7	DN150	11340	168	154	140
AD-SL-08x2-AG-130	2"x8	DN200	12960	192	176	160

Control Panel is not included | Filtration degrees: 400,200,130,100,50,20
Backwashing flow rate: 9m³/h | Backwash collector DN80 | Flow rates for 130 µm

AD-DL DOUBLE LINE AUTO DISC FILTER BATTERY



Model	No of Filters	Manifold inlet/Outlet	Surface	High Quality	Medium Quality	Low Quality
code	inch x qty	mm	cm ²	m ³ /h	m ³ /h	m ³ /h
				<50ppm	51-75ppm	76-100ppm
AD-DL-03x4-CA-130	4"x3	DN150	9420	144	132	120
AD-DL-04x4-CB-130	4"x4	DN200	12960	192	176	160
AD-DL-05x4-CC-130	4"x5	DN200	16200	240	220	200
AD-DL-06x4-CD-130	4"x6	DN250	19440	288	264	240
AD-DL-07x4-CE-130	4"x7	DN250	22680	336	308	280
AD-DL-08x4-CF-130	4"x8	DN250	25920	384	352	320
AD-DL-09x4-CG-130	4"x9	DN300	29160	432	396	360
AD-DL-10x4-CH-130	4"x10	DN300	32400	480	440	400
AD-DL-11x4-CI-130	4"x11	DN300	35640	528	484	440
AD-DL-12x4-CJ-130	4"x12	DN300	38880	576	528	480

Control Panel is not included | Filtration degrees: 400,200,130,100,50,20
Backwashing flow rate: 18m³/h | Backwash collector DN100 | Flow rates for 130 µm

AD AUTOMATIC DISC FILTER



Model	Size	Surface	High Quality	Medium Quality	Low Quality
code	inch	cm ²	m ³ /h	m ³ /h	m ³ /h
			130 µm		
AD-2L-BSP-00-130	2"	1620	24	22	20
AD-2L-GRV-01-130	2"	1620	24	22	20
AD-2L-GRV-02-130	2"	1620	24	22	20
AD-3L-BSP-00-130	3"	1620	24	22	20
AD-3L-GRV-01-130	3"	1620	24	22	20
AD-3L-GRV-02-130	3"	1620	24	22	20
AD-4L-GRV-02-130	4"	3240	48	44	40

Part of the AUTO Disc Filter Batteries
Filtration degrees: 400,200,130,100,50,20 | Flow rates for 130 µm



AD-SL CONTROL PANEL MODULE

code	No stations
12V DC	
CPF110-012-S-02	2
CPF110-012-S-03	3
CPF110-012-S-04	4
CPF110-012-S-05	5
CPF110-012-S-06	6
CPF110-012-S-07	7
CPF110-012-S-08	8
230V AC	
CPF110-230-S-02	2
CPF110-230-S-03	3
CPF110-230-S-04	4
CPF110-230-S-05	5
CPF110-230-S-06	6
CPF110-230-S-07	7
CPF110-230-S-08	8

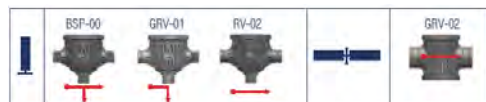
Control panel, solenoids and support are included



AD-DL CONTROL PANEL MODULE

code	No stations
12V DC	
CPF110-012-D-02	2
CPF110-012-D-03	3
CPF110-012-D-04	4
CPF110-012-D-05	5
CPF110-012-D-06	6
CPF110-012-D-07	7
CPF110-012-D-08	8
230V AC	
CPF110-230-D-02	2
CPF110-230-D-03	3
CPF110-230-D-04	4
CPF110-230-D-05	5
CPF110-230-D-06	6
CPF110-230-D-07	7
CPF110-230-D-08	8

Control panel, solenoids and support are included



MD MANUAL DISC FILTER



Model	Size	Flow
code	inch	m ³ /h
MD-02-BSP-00-130	2"	
MD-2L-BSP-00-130	2"L	
MD-03-BSP-00-130	3"	
MD-3L-BSP-00-130	3"L	
MD-04-GRV-02-130	4"	
MD-04-FLG-02-130	4"F	
MD-4L-GRV-02-130	4"L	
MD-4L-FLG-02-130	4"L,F	
MD-6L-FLG-02-130	6" L,F	

part of the simple and the double line filtration systems



MS SCREEN FILTER



Model	Size	Flow
code	inch	m ³ /h
MS-02-BSP-00-130	2"	
MS-2L-BSP-00-130	2"L	
MS-03-BSP-00-130	3"	
MS-3L-BSP-00-130	3"L	
MS-04-GRV-02-130	4"	
MS-04-FLG-02-130	4"F	
MS-4L-GRV-02-130	4"L	
MS-4L-FLG-02-130	4"L,F	

SAS SEMI-AUTO SCREEN FILTER



Model	Size	Flow
code	inch	m ³ /h
130 µm / Without visual DP		
SAS-02-BSP-0-130	2"	
SAS-2L-BSP-0-130	2"L	
SAS-03-BSP-0-130	3"	
SAS-3L-BSP-0-130	3"L	
130 µm / With visual DP		
SAS-02-BSP-1-130	2"	
SAS-2L-BSP-1-130	2"L	
SAS-03-BSP-1-130	3"	
SAS-3L-BSP-1-130	3"L	

MTD MANUAL DISC FILTER



Model	Size	Flow
code	inch	m ³ /h
MTD-02-BSP-0-130	2"	
MTD-2L-BSP-0-130	2"L	
MTD-03-BSP-0-130	3"	
MTD-3L-BSP-0-130	3"L	



PYD Y pattern DISC FILTER



Model	Size	Qty	Flow
code	inch	pc/box	m ³ /h
130µm			
PYD-3/4"-B-130	3/4"	60	
PYD-1"-B-130	1"	60	
PYD-1"-B-130	1"L	25	
PYD-1 1/2"L-B-130	1 1/2"	13	
PYD-2"-B-130	2"	13	

MTS SCREEN FILTER



Model	Size	Flow
code	inch	m ³ /h
MTS-02-BSP-0-130	2"	
MTS-2L-BSP-0-130	2"L	
MTS-03-BSP-0-130	3"	
MTS-3L-BSP-0-130	3"L	

PYS Y pattern SCREEN FILTER



Model	Size	Qty	Flow
code	inch	pc/box	m ³ /h
130µm			
PYS-3/4"-B-130	3/4"	60	
PYS-1"-B-130	1"	60	
PYS-1"-B-130	1"L	25	
PYS-1 1/2"L-B-130	1 1/2"	13	
PYS-2"-B-130	2"	13	





PLASTIC FILTERS

SCREEN 1" BSP 10bar



Model	Screen	Filtration Area	Effective Area
code	mesh	cm ²	cm ²
325044	100 inox	113	52
325144	100 inox	113	52
325046	150 poly	113	40
325146	150 poly	113	40



Capacity 6m³/h | Cartridge Φ50x150mm | PP body | EPDM gaskets | PP cartridge frame

SCREEN 1 1/2" BSP 10bar



Model	Screen	Filtration Area	Effective Area
code	mesh	cm ²	cm ²
329064	100 inox	291	135
329264	100 inox	291	162
329266	150 inox	291	132
3292665	200 inox	291	123
329066	150 poly	291	102



Capacity 10m³/h | Cartridge Φ70x220mm | PP body | EPDM gaskets | PP cartridge frame | Draining tread 3/4" BSP | Max working pressure 10bar

SCREEN 1 1/4" BSP 10bar



Model	Screen	Filtration Area	Effective Area
code	mesh	cm ²	cm ²
327053	50 inox	196	100
3270535	80 inox	196	109
327054	100 inox	196	91
327055	120 poly	196	89
327056	150 poly	196	69



Capacity 10m³/h | Cartridge Φ70x220mm | PP body | EPDM gaskets | PP cartridge frame | Draining tread 3/4" BSP | Max working pressure 10bar

SCREEN 2" BSP 10bar



Model	Screen	Filtration Area	Effective Area
code	mesh	cm ²	cm ²
329074	100 inox	291	135
329274	100 inox	291	162
329275S	120 inox	291	132
329276	150 inox	291	123
3292765	200 inox	291	102



Capacity 10m³/h | Cartridge Φ70x220mm | PP body | EPDM gaskets | PP cartridge frame | Draining tread 3/4" BSP | Max working pressure 10bar

SCREEN 2" BSP 10bar



Model	Screen	Screen	Filtration Area	Effective Area
code	mesh	type	cm ²	cm ²
3332074	100	inox	531	246
3332274	100	inox	531	246
3332275	120	inox	531	241
3332276	150	inox	531	225
33322765	200	inox	531	192



Capacity 23m³/h | Cartridge Φ107x286mm | PP body | EPDM gaskets | PP cartridge frame | Draining tread 3/4" BSP | Max working pressure 8 bar

SCREEN 3" BSP 10bar



Model	Screen	Screen	Filtration Area	Effective Area
code	mesh	type	cm ²	cm ²
3352093	50	inox	913	464
33520935	80	inox	913	509
3352094	100	inox	913	424
3352195	120	poly	1200	516
3352196	150	poly	1200	420



Capacity 46m³/h | Cartridge Φ145x320mm | PP body | EPDM gaskets | Drain 1" BSP (open) | 1/4" F BSP for pressure gauge | SS clamp | Max.8 bar

IN LINE 8Atm



Model	Size	Filter	Flow	Screen
code	inch	type	m ³ /h	mesh
33870125	1 1/2"	screen	14	120
33870126	2"	screen	25	120
33940125	1 1/2"	disk	14	120
33940126	2"	disk	20	120



Screen filters available in 60,80,150mesh | Disk also in 155mesh

HYDROCYCLONIC 8Atm



Model	Size	Filter	Flow	Screen
code	inch	type	m ³ /h	mesh
33880125	1 1/2"	screen	8	120
33880155	1 1/2"	screen	8	120
33880086	2"	screen	16	80
33880126	2"	screen	16	120
33880156	2"	screen	16	150



Screen filters available in 60,80 mesh



IN-LINE SPECIAL 6Atm

Model	Size	Filter	Flow	Screen
code	inch	type	m ³ /h	mesh
33850123	1"	screen	8	120
33850153	1"	screen	8	150
33850124	1 1/4"	screen	8	120
33850154	1 1/4"	screen	8	150
33850184	1 1/4"	screen	8	180



Screen filters also available in 80, 180 mesh

IN-LINE SPECIAL 6Atm

Model	Size	Filter	Flow	Screen
code	inch	type	m ³ /h	mesh
33840123	1"	screen	8	120
33840153	1"	screen	8	150
33840124	1 1/4"	screen	8	120
33860123	1"	disk	6	120
33860154	1 1/4"	disk	6	120



Screen filters also available in 80, 150, 180 mesh

IN-LINE LARGE 6Atm

Model	Size	Filter	Flow	Screen
code	inch	type	m ³ /h	mesh
33820122	3/4"	screen	5	120
33820123	1"	screen	6	120
33830122	3/4"	disk	4	120
33830123	1"	disk	5	120
33830153	1"	disk	5	150



Screen filters also available in 40, 60, 80, 150 mesh

IN-LINE SMALL

Model	Size	Filter	Flow	Screen
code	inch	type	m ³ /h	mesh
33720122	3/4"	screen	5	120
33720043	1"	screen	6	40
33720123	1"	screen	6	120
33730122	1"	disk	4	120
33730123	1"	disk	5	120



Screen filters also available in 60, 80 mesh

ELBOW SCREEN LARGE

Model	Size	Filter	Flow	Screen
code	inch x mm	type	m ³ /h	mesh
33910825	1"x25	screen	7	80
33911225	1"x25	screen	7	120
33910832	1"x32	screen	7	80
33911232	1"x32	screen	7	120



Screen filters also available in 40, 60 mesh

ELBOW SCREEN SMALL

Model	Size	Filter	Flow	Screen
code	mm x inch x mm	type	m ³ /h	mesh
33900420	1"x20	screen	7	40
33901220	1"x20	screen	7	120
33900425	1"x25	screen	7	40
33901225	1"x25	screen	7	120
33901232	1"x32	screen	7	120



Screen filters also available in 40, 60, 80 mesh

TEE SCREEN LARGE

Model	Size	Filter	Flow	Screen
code	mm x inch x mm	type	m ³ /h	mesh
34862123	20x1"x20	screen	7	120
34862153	20x1"x20	screen	7	150
34863123	25x1"x25	screen	7	120
34863153	25x1"x25	screen	7	150
34864123	32x1"x32	screen	7	120



Screen filters also available in 40, 60, 80 mesh

TEE SCREEN SMALL

Model	Size	Filter	Flow	Screen
code	mm x inch x mm	type	m ³ /h	mesh
34761123	16x1"x16	screen	7	120
34762123	20x1"x20	screen	7	120
34763123	25x1"x25	screen	7	120
34764123	32x1"x32	screen	7	120



Screen filters also available in 40, 60, 80 mesh

CARTRIDGES FOR IN-LINE SCREEN FILTERS

Model	Size	Filter	Surface	Screen
code	inch	type	cm ²	mesh
34815120	1 1/2"	screen	185	120
34815150	1 1/2"	screen	185	150
34816120	2"	screen	274	120
34816150	2"	screen	274	150
44818120	3"	screen	913	120



Screen filters 1 1/2" & 2" also available in 60, 80 mesh

CARTRIDGES FOR IN-LINE DISC FILTERS

Model	Size	Filter	Surface	Screen
code	inch	type	cm ²	mesh
34841205	1 1/2"	disk	281	120
34841555	1 1/2"	disk	281	155
34841206	2"	disk	404	120
34841556	2"	disk	404	155



CARTRIGES FOR-SPECIAL FILTERS

Model	Size	Surface	Screen
screen	inch	cm ²	mesh
34812120	1"-1 1/4"	152	120
34812150	1"-1 1/4"	152	150
34812180	1"-1 1/4"	152	180
disk			
44823242	1"-1 1/4"	200	120



Screen filters also available in 80 mesh

CARTRIDGES FOR IN-LINE S & L

Model	Size	Filter	Surface	Screen
code	inch	type	cm ²	mesh
34811120	3/4"-1"	Large	90	120
34810120	3/4"-1"	Small	55	120
disk				
34822242	3/4"-1"	Large	152	120
34821242	3/4"-1"	Small	94	120



Screen filters also available in 40, 60, 80, 150, 180 mesh | Disk filters also available in 155 mesh

YDV ONLINE PN10

Model	G	Cartridge	Flow
code	Inch	Type	m ³ /h
IFYDVCILM2CON	3/4"	Inox	5
IFYDVCPLM2CON	3/4"	Polyester	5
IFYDVCPLM2CON	3/4"	Disk	5
IFYDVD1LM2CON	1"	Inox	5
IFYDVDPLM2CON	1"	Polyester	5
IFYDDDL2CON	1"	Disk	5



irritec

Cartridge 120mesh | Male Threaded | 20pcs / box

YDV PN10 SWIVEL

Model	G	Cartridge	Flow
code	Inch	Type	m ³ /h
IFYDVD1LW2CON	1"	Inox	5
IFYDVDPLW2CON	1"	Polyester	5
IFYDDDLW2CON	1"	Disk	5



irritec

Cartridge 120mesh | Male Threaded | 20pcs / box

YCV ONLINE PN10

Model	G	Cartridge	Flow
code	Inch	Type	m ³ /h
IFYCVCILM2SON	3/4"	Inox	5
IFYCVCPLM2SON	3/4"	Polyester	5
IFYCVDILM2SON	1"	Inox	5
IFYCVDPLM2SON	1"	Polyester	5



irritec

Cartridge 120mesh | Male Threaded | 30pcs / box

YGG ONLINE PN8

Model	G	Cartridge	Flow
code	Inch	Type	m ³ /h
IFYGGGILM2CON	2"	Inox	25
IFYGGGPLM2CON	2"	Polyester	25
IFYGGGDLM2CON	2"	Disk	25



irritec

Cartridge 120mesh | Male Threaded with nut | 2 pcs/box

YHG ONLINE PN8

Model	G	Cartridge	Flow
code	Inch	Type	m ³ /h
IFYHGGILM2CON	2" super	Inox	25
IFYHGGPLM2CON	2" super	Polyester	25
IFYHGGDLM2CON	2" super	Disk	25
IFYHGIILM2CON	3"	Inox	50
IFYHGIPLM2CON	3"	Polyester	50
IFYHGIDL2CON	3"	Disk	50



irritec

Cartridge 120mesh | Male Threaded with nut | 4pcs / box

MODELS

TAB.1 Available mesh (x = available)

Ref.	Mesh	Micron	Inox	Polyester	Disk	Color
E	20	800	X	X	-	
F	30	500	X	X	-	
G	50	300	X	X	-	
H	75	200	X	X	-	
I	100	160	X	X	-	
L	120	130	X	X	X	
N	155	100	X	X	-	
P	200	80	X	X	-	

YCV-YDV YEV-YFV

irritec

YEV ONLINE PN10

Model	G	Cartridge	Flow
code	Inch	Type	m ³ /h
IFYEVEILM2CON	1 1/4"	Inox	10
IFYEVEPLM2CON	1 1/4"	Polyester	10
IFYEVEDLM2CON	1 1/4"	Disk	10
IFYEVFILM2CON	1 1/2"	Inox	10
IFYEVFPLM2CON	1 1/2"	Polyester	10
IFYEVFDLM2CON	1 1/2"	Disk	10



irritec

Cartridge 120mesh | Male Threaded | 10pcs / box

YEV PN10 SWIVEL

Model	G	Cartridge	Flow
code	Inch	Type	m ³ /h
IFYEVFILW2CON	1 1/2"	Inox	10
IFYEVFPLW2CON	1 1/2"	Polyester	10
IFYEVFDLW2CON	1 1/2"	Disk	10



irritec

Cartridge 120mesh | Swivel Female Threaded | 10pcs / box

YFV ONLINE PN8

Model	G	Cartridge	Flow
code	Inch	Type	m ³ /h
IFYFVILM2CON	1 1/2"	Inox	20
IFYFVPLM2CON	1 1/2"	Polyester	20
IFYFVDLM2CON	1 1/2"	Disk	20
IFYFVILM2CON	2"	Inox	20
IFYFVPLM2CON	2"	Polyester	20
IFYFVDLM2CON	2"	Disk	20



irritec

Cartridge 120mesh | Male Threaded | 10 pcs/box

YGF ONLINE PN8

Model	G	Cartridge	Flow
code	Inch	Type	m ³ /h
IFYFGILM2CON	2"	Inox	25
IFYFGPLM2CON	2"	Polyester	25
IFYFGDLM2CON	2"	Disk	25



irritec

Cartridge 120mesh | Male Threaded with S.S clamp | 2pcs/box

YHF ONLINE PN8

Model	G	Cartridge	Flow
code	Inch	Type	m ³ /h
IFYHFGILM2CON	2" super	Inox	25
IFYHFGPLM2CON	2" super	Polyester	25
IFYHFGDLM2CON	2" super	Disk	25
IFYHFILM2CON	3"	Inox	50
IFYHFPLM2CON	3"	Polyester	50
IFYHFIDL2CON	3"	Disk	50



irritec

Cartridge MS120 | Male Threaded with S.S clamp | 4pcs / box

MODELS

TAB.2 Available mesh (x = available)

Ref.	Mesh	Micron	Inox	Polyester	Disk	Color
H	75	200	X	X	X	
L	120	130	X	X	X	
N	155	100	X	X	X	

YGG-YHG YGF-YHF

Closing Systems



S.S. clamp

nylon nut

threaded cap

irritec

intra

IRRIGATION

All irrigation equipment you will need, including hoses, irrigation pipes, driplines, fittings etc.
From greenhouse to field irrigation.



Intra Trading & Consulting

Phone: +30 2310 580 060
WhatsApp: +30 6974452956
email: sales@intra.gr
web: www.intra.gr

CATALOGUE



PIPES, MICROTUBES

Pg.2	HYPROPAL HDPE 80, MRS 8 EN12201-2 Potable HYDROPAL HDPE 100, MRS 10 EN12201-2 Potable
Pg.3	AGROPAL HDPE 80, MRS 8, ISO8779 Cap ends for pipes
Pg.4	DRIP PAL SUPER PAL Tying Tube SUPER PAL White color
Pg.5	Microtube PVC Φ7 (Complete) Pipe PVC Φ12 (Complete) Microtube PVC Φ7 (Complete) Microtube PVC Φ12 (Complete)
Pg.6	PE Microtube PVC Microtube PVC Φ5 (without nozzle) Microtube Dripper Hose PE Φ3.2
Pg.7	GEOPAL PE100 Greenhouse Heating Tube (Corrugated)

HOSES

Pg.9	Agroflat SL Agroflat Agroflat M Agroflat H Monoflat
Pg.10	Heliflex SL Heliflex LG Heliflex MD Heliflex IND Platinum Tricot

FITTINGS

Pg.12	Indented
Pg.13-14	Dripline fittings
Pg.15-16	Drip tape fittings
Pg.17	Saddles PN16, PN10
Pg.18	Saddles PN6
Pg.19-20	Compression fittings PN16
Pg.21-23	Compression fittings PN10
Pg.24-25	Lock fittings PN6
Pg.26-27	Connection fittings
Pg.28-29	Layflat fittings
Pg.30-32	Microfittings
Pg.33	Punches
Pg.34-35	Valve boxes—Swivel fittings
Pg.36	Greenhouse fittings

DRIPPERS

Pg.37	Drippers Self-compensating
Pg.38	Drippers Adjustable
Pg.39	Drippers
Pg.40	Drippers Accessories

SPRINKLERS

Pg.42-44	Microsprinklers
Pg.45-47	Impact Sprinklers
Pg.48	Stands

UPVC PIPES AND FITTINGS

Pg.50	Pipes
Pg.51	Valves
Pg.52-54	Solvent Cement Jointed Fittings
Pg.55-56	Threaded Fittings
Pg.57	Adaptor Fittings

VALVES

Pg.59-60	Mini Valves PN4, PN10
Pg.61	Ball Valves, Flap Check Valve
Pg.62-63	Plastic Hydraulic Valves
Pg.64-66	Cast Iron Valves, Hydraulic Valves

GALVANIZED COUPLINGS

Pg.68-71	Galvanized Couplings
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STEEL WATER TANKS

Pg.73	Water Tanks
Pg.74	Water Tanks Covers

INTELLIGENT CONTROL SYSTEMS

Pg.76-77	IQ Systems
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PIPES | TUBES MICROTUBES



PIPES & TUBES

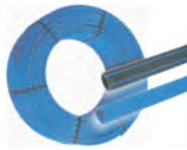
Wide range of pipe and related accessories to cover all types of domestic and professional irrigation



PIPES FOR POTABLE

HYDROPAL HDPE 80 MRS 8 EN12201-2

2nd GENERATION



Model	External Dia	Wall Thickness	Pressure
code	mm	mm	Atm
30820016	16	2,0	16,0
30820118	18	2,0	16,0
30820018	18	2,5	20,0
30820020	20	3,0	20,0
30820022	22	3,0	20,0
30820025	25	3,0	16,0
30820028	28	3,0	16,0
30820032	32	3,0	12,5

Available: Rolls of 100m

HYDROPAL HDPE 100 MRS 10 EN12201-2

3rd GENERATION

	3082-3504 10 ATM (SDR 17)	3082-3504 12.5 ATM (SDR 13.6)	3082-3504 16 ATM (SDR 11)
code	code	code	code
20			30821620
25		30821225	30821625
32	30821032	30821232	30821632
40	30821040	30821240	30821640
50	30821050	30821250	30821650
63	30821063	30821263	30821663
75	30821075	30821275	30821675
90	30821090	30821290	30821690
110	30821011	30821210	30821611
125	30821125	30821212	30821612
125	35041125	35043125	35042125
140	35041140	35043140	35042140
160	35041160	35043160	35042160
180	35041180	35043180	35042180
200	35041200	35043200	35042200
225	35041225	35043225	35042225
250	35041250	35043250	35042250
280	35041280	35043280	35042280
315	35041315	35043315	35042315
355	35041355	35043355	35042355
400	35041400	35043400	35042400
450	35041450	35043450	35042450
500	35041500	35043500	35042500
560	35041560	35043560	35042560
630	35041630	35043630	35042630



Available: Φ 20mm up to Φ 125mm in rolls 100m | Φ 125mm up to Φ 630mm in straight rods 12,0m | Codes 3082 & 3504: Potable water pipes in BLACK color with 4-BLUE stripes | Potable pipes in BLUE color on request relative Codes 3081 & 3532 accordingly | On request: 6, 8, 20 & 25atm



IRRIGATION PIPES

AGROPAL HDPE 80 MRS 8 ISO8779

	3070	3073	3073-3075
	6 ATM (SDR 21)	10 ATM (SDR 13.6)	16 ATM (SDR 9)
	code	code	code
20		30731020***	
25		30731025**	30731625
32	30706132*	30731032*	30731632
40	30706040	30731040**	30731640
50	30706050	30731050**	30731650
63	30706063	30731063**	30731663
75	30706075	30731075**	30731675
90	30706090	30731090**	30731690
110	30706110	30731110**	30731610
125	30708125	30738125**	30758125
140	30708140	30738140**	30758140
160	30708160	30738160**	30758160
180	30708180	30738180**	30758180
200	30708200	30738200**	30758200
225	30708225	30738225**	30758225
250	30708250	30738250**	30758250

HDPE pipe from Φ 16mm to Φ 32mm in BLACK color with 1-light BLUE stripe | HDPE pipe from Φ 40mm to Φ 250mm in BLACK color with 4-light BLUE stripes
 | Available: Φ 20mm up to Φ 110mm in rolls 100m | Φ 125mm up to Φ 250mm in straight rods 12,0m | * Coil 200m | ** Coil 250m *** Coil 250m

CAP ENDS FOR PIPES



Model	Specifications	Packing	Model	Specifications	Packing
code	mm	pc/box	code	mm	pc/box
38020016	16	1000E	38020090	90	200H
38020018	18	1000E	38020110	110	200H
38020020	20	1000E	38020125	125	100H
38020022	22	1000E	38020140	140	80H
38020025	25	1000E	38020160	160	50E
38020028	28	1000E	38020180	180	80H
38020032	32	1500H	38020200	200	45H
38020040	40	1000H	38020225	225	60H
38020050	50	500E	38020250	250	30H
38020063	63	500H	38020280	280	50H
38020075	75	200H	38020315	315	20H



DRIP PAL



Model	Ext. Dia	Packing
code	mm	m / coil
30724016	16	300
30724020	20	300
30724025	25	250
30724032	32	200

SUPER PAL



Model	Ext. Dia	Packing
code	mm	m / coil
30706012	12	300
30706016	16	250
30706020	20	250
30706025	25	250
30706032	32	200

TYING TUBE



Model	Ext. Dia	Packing
code	mm	kg / coil
30832320	3,20	2,0kg
30832355	3,55	2,0kg

SUPER PAL White color



Model	Ext. Dia	Packing
code	mm	m / coil
35359606	6	25
35355606	6	100
35359616	16	25
35355616	16	100
35355620	20	100
35355625	25	100

White color coated



MICROTUBES COMPLETE

Microtube PVC Φ 7 (Complete)



Model	Length	Packing
code	cm	pcs/box
30520030	30	2100E
30520040	40	1500E
30520050	50	1400E
30520060	60	1000E
30520080	80	500E

With 2 nozzles Φ 7 assembled

Microtube PVC Φ 7 (Complete)



Model	Length	Packing
code	cm	pcs/box
30520100	100	500E
30520120	120	500H
30520150	150	400H
30520200	200	300H

With 2 nozzles Φ 7 assembled

PVC Φ 12 Pipe (Complete)



Model	Length	Packing
code	cm	pcs/bundle
Non Compensating—Black Color		
30440100	100	50
30440120	120	50
30440150	150	50
30440170	170	50

With safety female base 1/2" & safety nozzle 8x12 assembled

PVC Φ 12 Pipe (Complete)



Model	Length	Packing
code	cm	pcs/bundle
Self Compensating 300 lt/h—Green Color		
30450100	100	50
30450120	120	50
30450150	150	50
Self Compensating 540 lt/h - Red Color		
30420100	100	50
30420120	120	50

With safety female base 1/2" & safety nozzle 8x12 assembled

Microtube PVC Φ 7 (Complete)



Model	Length	Packing
code	cm	pcs/box
30522100	100	600E
30522120	120	500H
30522150	150	400H
30522180	180	300H

With adaptor Φ 6mm and indented coupling Φ 7mm assembled

PVC Φ 12 Pipe (Complete)



Model	Length	Packing
code	cm	pcs/bundle
PVC Φ12—Black Color		
30490100	100	50
30490120	120	50

With support female base 3/8" & safety nozzle 8mm x 12mm assemble



PE Microtube



Model	Ex.Diameter	In.Diameter	Packing
code	mm	mm	m / roll
30700504	4,0	2,8	500
30700104	4,0	2,8	100
30700506	6,0	4,0	500
30700106	6,0	4,0	100

PVC Microtube



Model	Ex.Diameter	In.Diameter	Packing
code	mm	mm	m / roll
30800503	3,0	1,0	500
30800504	4,0	2,5	500
30800505	5,0	3,4	500
30800026	*6,0	4,0	25
30800106	*6,0	4,0	100
30800506	*6,0	4,0	500
30800107	7,0	4,5	100
30800307	7,0	4,5	300
30800507	7,0	4,5	500
30800512	12,0	9,0	250

Exact O.D.—5,7 mm

PVC Φ 5 (without nozzle)



Model	Ex.Diameter	Length	Packing
code	mm	Cm	m / bundle
30525050	5	50	100
30525080	5	80	100

Microtube Dripper Hose PE Φ 3.2

Model	Length	In.Diameter	Packing
code	cm	mm	m / bundle
30850885	85	0,8	100
30850810	100	0,8	100
30851005	50	1,0	100
30851085	85	1,0	100
30851010	100	1,0	100
30851050	500	1,0	Coil-500m



GEOPAL PE 100 GREENHOUSE HEATING TUBE (Corrugated)



Model	External Diameter	Packing	Price
code	mm	m / roll	€
35380025	25	100	0,850
35380028	28	100	0,950

TECHNICAL CHARACTERISTICS

Ext. dia	25 mm	28 mm
Nominal working pressure	2,5 Atm	2,5 Atm
Max. working temperature	70°C	70°C
Beneficial area (per meter)	0,11674 m ²	0,13447 m ²
Wall thickness	1,00 mm	1,00 mm
Packing (roll)	100 m	100 m
Weight	116 gr/m	123 gr/m
Color	Black	Black

GENERAL

Heating greenhouses with hot water through plastic spiral pipes placed above ground and near plant rows significantly surpass other common heating systems. Heating is diffused throughout the greenhouse via radiation warming the roots and the upper plant offering pre-maturing and production increase through winter of up to 50%.

CARACTERISTICS

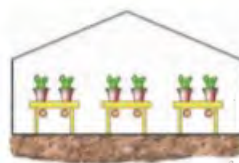
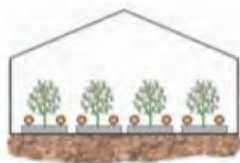
GEOPAL pipe is manufactured from raw random polyethylene (PE-100) for implementation in greenhouse heating and hot water applications at low pressure networks. The "wave-like" configuration of the pipe offers larger thermal surface compared to other pipes of the same dimension, while it allows small bending curves. **GEOPAL** pipe is very reliable in environments where there are thorny plants or insects that can penetrate pipes with thin walls, while presents resistance to the erosion and disformation from fertilizers, chemicals and the acidic soil composition

ADVANTAGES

Using **GEOPAL** pipe for greenhouse heating we succeed in :

- Adjusting the heat where it is needed.
- Heating is achieved with low temperatures of water.
- Saving energy up to 50% compared to other heating methods.
- Increasing crop production during winter.
- Pre-maturing of production.

INDICATIVE PLACEMENT OF GEOPAL PIPE





HOSES



HOSES & SPIRALS

Flat hoses, reinforced with polyester yarn, very resistant.

Flexible reinforced hose with rigid spiral

AGROFLAT SL



Model	Inside Dia	Weight	Pressure (bar)	
Code	mm	Kg/m	Working	Rupture
210390-040	40	0,24	5,0	12,5
210390-050	50	0,30	5,0	12,5
210390-063	63	0,38	4,5	11,3
210390-070	70	0,43	4,5	11,3
210390-075	75	0,45	4,0	10,0
210390-090	90	0,59	4,0	10,0
210390-100	103	0,69	3,0	7,5
210390-110	110	0,83	3,0	7,5
210390-125	125	0,88	3,0	7,5
210390-150	150	1,05	3,0	7,5

FEATURES: Flat hose reinforced with polyester yarn; very light.
Working pressure determined at 20°C, before perforation of hoses.
APPLICATIONS: Mainly for drip irrigation and conveying water at low pressure.
TEMPERATURE RANGE: -10/+55°C | PRESENTATION: Color: yellow.

AGROFLAT M



Model	Inside Dia	Weight	Pressure (bar)	
Code	mm	Kg/m	Working	Rupture
210393-19	19	0.17	12.0	37.8
210393-025	25	0,25	10,0	31,5
210393-030	30	0,30	10,0	31,5
210393-032	32	0,30	10,0	31,5
210393-035	35	0,30	10,0	31,5
210393-038	38	0,33	10,0	31,5
210393-040	40	0,34	10,0	31,5
210393-045	45	0,43	10,0	31,5
210393-050	50.8	0,48	8,5	26,8
210393-055	55	0,49	8,5	26,8
210393-063	63.5	0,58	8,5	26,8
210393-067	67	0,66	7,0	22,0
210393-070	70	0,68	7,0	22,0
210393-075	76.2	0,73	7,0	22,0
210393-090	90	0,92	7,0	22,0
210393-100	101.7	0,98	6,0	19,0
210393-110	110	1,10	6,0	19,0

FEATURES: Flat hose reinforced with polyester yarn, very resistant, for medium pressure.
APPLICATIONS: Mainly for conveying water.
TEMPERATURE RANGE: -10/+55°C | PRESENTATION: Color: blue

MONOFLAT



Model	Inside Dia	Weight	Pressure (bar)	
Code	mm	Kg/m	Working	Rupture
210381-053	53	0,31	6,5	16,3
210381-070	70	0,44	5,5	13,8
210381-078	78	0,48	5,0	12,5
210381-090	90	0,59	5,0	12,5
210381-103	103	0,69	4,0	10,0
210381-128	128	0,92	4,0	10,0
210381-155	155	1,25	3,5	8,7

FEATURES: Flat hose reinforced with polyester yarn; very light. Working pressure determined at 20°C, before perforation of hoses. | APPLICATIONS: Mainly for drip irrigation and conveying water at low pressure. | TEMPERATURE RANGE: -10/+55°C

AGROFLAT



Model	Inside Dia	Weight	Pressure (bar)	
Code	mm	Kg/m	Working	Rupture
210391-025	25	0,18	9,0	22,5
210391-030	30	0,21	9,0	22,5
210391-035	35	0,23	8,0	20,0
210391-038	38	0,24	7,0	17,5
210391-040	40	0,26	7,0	17,5
210391-045	45	0,29	7,0	17,5
210391-050	50	0,33	6,5	16,3
210391-055	55	0,36	6,5	16,3
210391-060	60	0,41	6,5	16,3
210391-063	63	0,41	6,5	16,3
210391-070	70	0,53	6,0	15,0
210391-075	75	0,55	5,0	12,5
210391-080	80	0,58	5,0	12,5
210391-090	90	0,66	5,0	12,5
210391-100	100	0,76	4,0	10,0
210391-125	125	1,10	4,0	10,0
210391-150	150	1,25	3,5	8,5

FEATURES: Flexible flat hose, reinforced with polyester yarn, very light and resistant.
APPLICATIONS: Mainly for conveying water at low pressure and drip irrigation.
TEMPERATURE RANGE: -10/+55°C | PRESENTATION: Color: green.

AGROFLAT H



Model	Inside Dia	Weight	Pressure (bar)	
Code	mm	Kg/m	Working	Rupture
210394-025	25	0,25	15,0	48,8
210394-045	45	0,50	13,5	42,5
210394-050	50	0,60	12,0	37,8
210394-060	60	0,76	12,0	37,8
210394-063	63	0,76	12,0	37,8
210394-070	70	0,84	11,5	36,2
210394-075	76.2	0,88	11,5	36,2
210394-100	101.5	1,30	10,0	31,5
210394-150	150	2,00	7,0	22,0

FEATURES: Flat hose, reinforced with polyester yarn, very resistant, for high pressure.
APPLICATIONS: Mainly for conveying water. Can also be used with sprinkler irrigation equipment, particularly rain guns.
TEMPERATURE RANGE: -10/+55°C | PRESENTATION: Color: inside & outside black

MONOFLAT M



Model	Inside Dia	Weight	Pressure (bar)	
Code	mm	Kg/m	Working	Rupture
210383-155	161	1.88	5.0	16.0
210383-207	212	2.45	4.0	12.0

FEATURES: Flat hose on flexible PVC impregnated in the textile polyester sock, with only one layer. Single layer flat hose manufactured with antidelamination system and with reinforced traction capacity. | APPLICATIONS: Mainly for drip irrigation and covering water at low pressure. | TEMPERATURE RANGE: -10/+55°C

HELIFLEX SL

Model	Inside Dia	Weight	Bend Radius	Thick	Working Pressure
Code	mm	Kg/m	mm	mm	bar
230011-020	20	0,23	100	2,6	7
230011-025	25	0,27	125	2,7	7
230011-030	30	0,34	150	2,8	5
230011-032	32	0,35	160	3,2	5
230011-035	35	0,42	160	3,1	5
230011-038	38	0,48	200	3,4	5
230011-040	40	0,50	200	3,2	5
230011-042	42	0,59	210	3,9	5
230011-045	45	0,64	225	3,9	5
230011-050	50	0,74	250	3,9	5
230011-053	53	0,80	265	3,4	5
230011-060	60	0,85	300	3,7	5
230011-063	63	1,05	315	3,8	4
230011-075	75	1,16	375	3,8	4
230011-090	90	1,43	450	4,8	3
230011-100	100	1,850	550	4,6	3
230011-110	110	1,925	550	6,0	3



FEATURES: Flexible hose reinforced with rigid helix, light, with great flexibility and good abrasion resistance | APPLICATIONS: Used for light suction and conveying water with electro-pumps and motor-pumps. | TEMPERATURE RANGE: -5/+ 55°C
PRESENTATION: Color: transparent green with white spiral

HELIFLEX LG

Model	Diameter (mm)		Weight	Bend Radius	Working Pressure
Code	In	out	Kg/m	mm	bar
230010-020	20	26,2	0,30	100	7
230010-025	25	31,4	0,35	125	7
230010-030	30	36,4	0,42	150	5
230010-032	32	38,6	0,42	160	5
230010-035	35	41,6	0,49	160	5
230010-040	40	47,2	0,57	200	5
230010-042	42	49,4	0,65	210	5
230010-050	50	58,0	0,81	250	5
230010-053	53	60,6	0,85	265	5
230010-060	60	68,4	1,00	300	5
230010-070	70	79,2	1,25	350	4
230010-075	76.5	84,2	1,40	375	4
230010-090	90	100.4	1,85	450	3
230010-100	100	111	2.15	500	3
230010-150	150	164.6	4.25	750	2.5



FEATURES: Flexible hose reinforced with rigid helix, light, with great flexibility and good abrasion resistance. | APPLICATIONS: Used for light suction and conveying water with electro-pumps and motor-pumps. | TEMPERATURE RANGE: -5/+ 55°C
PRESENTATION: Color: transparent green with white spiral.

HELIFLEX MD

Model	Diameter (mm)		Weight	Bend Radius	Working Pressure
Code	In	out	Kg/m	mm	bar
230014-020	20	27.4	0.34	100	
230014-025	25	32.6	0.45	125	
230014-032	32	41.4	0.66	160	
230014-035	35	43.8	0.65	175	
230014-040	40	49.6	0.81	200	
230014-042	42	51.2	0.86	210	
230014-050	50	59.4	1.00	250	
230014-053	53	62.6	1.09	265	
230014-060	60	69.8	1.22	300	
230014-065	65	75.4	1.44	325	
230014-070	70	80.8	1.50	350	
230014-075	75	86.6	1.75	375	
230014-078	78	89.8	1.90	390	
230014-100	100	112.4	2.60	500	
230014-102	102	115	2.80	510	
230014-105	105	117.8	2.85	525	
230014-110	110	123.2	3.00	560	
230014-120	120	133.6	3.38	600	
230014-125	125	139	3.60	625	
230014-150	150	166.4	5.20	750	
230014-160	160	176.6	5.40	800	
230014-200	200	221.2	8.00	1000	



FEATURES: Flexible reinforced hose with rigid, versatile and abrasion resistant. APPLICATIONS: Medium suction and sweat and saltwater conveying, chemical solutions and abrasive solids. | TEMPERATURE RANGE: -10/+55°C
PRESENTATION: Color: green

HELIFLEX IND

Model	Diameter	Weight	Bend Radius	Working Pressure
Code	mm	Kg/m	mm	bar
302020-053	53	1,40	424	5
302020-060	60	1,60	480	5
302020-070	70	1,98	560	4
302020-075	75	2,05	592	4
302020-080	80	2,25	640	4
302020-090	90	2,60	720	3
302020-100	100	3,20	800	3
302020-110	110	3,70	880	3
302020-120	120	4,00	960	3
302020-125	125	4,15	1000	3
302020-130	130	4,55	1040	2.5
302020-150	150	6,10	1200	2.5
302020-200	200	10,30	1600	2.5
302020-250	250	12,00	2000	2.5



Vacuum: 0,80 bar

FEATURES: Flexible hose, reinforced with rigid spiral, resistance to collapsing or kinking and abrasion. | APPLICATIONS: Industrial (heavy) suction and conveying fresh and salt water, chemical solutions and abrasive solids. | TEMPERATURE RANGE: -10/+55°C | PRESENTATION: Color: grey.



FITTINGS



FITTINGS

INDENTED COUPLING



Model	Specifications	Packing
Code	mm	box
31000012	12x12 mini	5000E
31001212	12x12	7000H
31001616	16x16	4000H
31001818	18x18	3000H
31002020	20x20	2000H
31002525	25x25	1300H
31003232	32x32	600H

INDENTED ELBOW



Model	Specifications	Packing
Code	mm	box
31021212	12x12	5000H
31021616	16x16	2800H
31022020	20x20	1600H
31022525	25x25	1100H

INDENTED TEE REDUCING



Model	Specifications	Packing
Code	mm	box
31041612	16x12x16	2200H
31042012	20x12x20	1200H
31042016	20x16x20	1200H
31042516	25x16x25	600H
31042520	25x20x25	600H

INDENTED GROMMET



Model	Specifications	Packing
Code	mm	box
31050016	16	2700H
31050018	18	2500H
31050020	20	2200H

*Offtake from HDPE & PVC pipes with 15mm drill

INDENTED MALE ADAPTOR



Model	Specifications	Packing
Code	mm x inch	box
33211601	16x1/2"	2500H
33211602	16x3/4"	1600H
33212001	20x1/2"	2000H
33212002	20x3/4"	1500H
33212502	25x3/4"	1500H
33212503	25x1"	900H
33213202	32x3/4"	1000H
33213203	32x1"	800H

ELBOW INDENTED FEMALE NIPPLE



Model	Specifications	Packing
Code	mm x inch	box
31830161	16x1/2"	1700H
31830162	16x3/4"	1200H
31830201	20x1/2"	1300H
31830202	20x3/4"	900H

TEE INDENTED MALE NIPPLE



Model	Specifications	Packing
Code	mm x inch	box
31800161	16x1/2"x16	1600H
31800162	16x3/4"x16	1300H
31800201	20x1/2"x20	1200H
31800202	20x3/4"x20	900H
31800251	25x1/2"x25	600H
31800253	25x1"x25	500H

INDENTED REDUCING COUPLING



Model	Specifications	Packing
Code	mm	box
31011612	16x12	4500H
31012012	20x12	3000H
31012016	20x16	2600H
31012516	25x16	1700H
31012520	25x20	1600H
31013225	32x25	800H

INDENTED TEE



Model	Specifications	Packing
Code	mm x inch	box
31031212	12x12x12	3500H
31031616	16x16x16	1700H
31032020	20x20x20	1000H
31032525	25x25x25	500H

INDENTED TERMINAL



Model	Specifications	Packing
Code	mm	box
31060016	16	6000H
31060020	20	4200H
31060025	25	2700H
31060032	32	1300H

OFFTAKE INDENTED



Model	Specifications	Packing
Code	mm	box
31310012	12	3500H
31310016	16	2000H
31310020	20	1700H

*Offtake from LDPE pipe with punch 8mm

INDENTED STARTER



Model	Specifications	Packing
Code	mm	box
31070016	16	5000H
31070020	20	3300H

*Offtake from LDPE pipe with punch 8mm

INDENTED FLUSHING END (with O-Ring)



Model	Specifications	Packing
Code	mm x inch	box
32701602	16x3/4"	1200H
32702002	20x3/4"	1000H
32702502	25x3/4"	1000H
32703202	32x3/4"	800H

ELBOW INDENTED MALE NIPPLE



Model	Specifications	Packing
Code	mm x inch	box
31821161	Special-16x1/2"	2500H
31821162	Special-16x3/4"	1800H
31820201	20x1/2"	1600H
31820202	20x3/4"	1300H
31820251	25x1/2"	1300H
31820252	25x3/4"	1000H
31820253	25x1"	800H

TEE INDENTED FEMALE NIPPLE



Model	Specifications	Packing
Code	mm x inch	box
31810161	16x1/2"x16	1300H
31810162	16x3/4"x16	1000H
31810202	20x3/4"x20	700H
31810203	20x1"x20	500H

SPECIAL INDENTED MULTICOUPLING



Model	Specifications	Packing
Code	mm x inch	box
2 connections		
31457223	20x1"	600H
3 connections		
31457323	20x1"	500H
4 connections - One side		
31457423	20x1"	400H

SPECIAL INDENTED COUPLING



Model	Specifications	Packing
Code	mm	box
30991616	16x16	4500H
30992020	20x20	2000H
30992525	25x25	1500H

SPECIAL INDENTED TEE



Model	Specifications	Packing
Code	mm	box
31991616	16x16x16	1700H
31992020	20x20x20	1000H

SAFETY COUPLING



Model	Specifications	Packing
Code	mm	box
30971616	16x16	4200H
30971818	18x18	3300H
30972016	20x16	3000H
30972020	20x20	2500H

SAFETY GROMMET



Model	Specifications	Packing
Code	mm	box
31260016	16	3000H
31260020	20	2500H

*Offtake from HDPE & PVC pipes with 15mm drill

OFFTAKE SAFETY



Model	Specifications	Packing
Code	mm	box
31320016	16	2300H
31320020	20	2000H

*Offtake from LDPE pipe with punch 8mm

DOUBLE RINGS



Model	Specifications	Packing
Code	mm	box
31210012	12	5500H
31210016	16	4000H
31210018	18	2100H
31210020	20	2200H
31210025	25	1300H

DRIPLINE COUPLING NUT



Model	Specifications	Packing
Code	mm	box
32413202	20	1500H

Used with male threads 3/4" and grip ring Φ20 for the creation of Dripline Lock fittings | Compatible with 3/4" male threaded filters

INDENTED MULTICOUPLING



Model	Specifications	Packing
Code	mm x inch	box
2 connections		
31452163	16x1"	550H
31452203	20x1"	400H
3 connections		
31453163	16x1"	400H
31453203	20x1"	300H
4 connections - One side		
31454163	16x1"	300H
31454203	20x1"	200H
4 connections X		
31455163	16x1"	300H
31455203	20x1"	200H
6 connections		
31456163	16x1"	200H
31456203	20x1"	150H

SPECIAL ELBOW INDENTED (male)



Model	Specifications	Packing
Code	mm x inch	box
31821161	16x1/2"	2500H
31821162	16x3/4"	1800H

SAFETY MALE ADAPTOR



Model	Specifications	Packing
Code	mm x inch	box
31300216	16x3/4"	1600H

SAFETY GROMMET (without rubber)



Model	Specifications	Packing
Code	mm	box
31262016	16	4200H
31262020	20	3000H

*Offtake from LDPE pipe with punch 8mm

OFFTAKE DRIPLINE (with rubber)



Model	Specifications	Packing
Code	mm	box
31330016	16	1300H
31330020	20	1200H

Offtake from HDPE & PVC pipes with 15mm drill

OFFTAKE DRIPLINE



Model	Specifications	Packing
Code	mm	box
31410016	16	1600H
31410020	20	1400H

*Offtake from LDPE pipe with punch 8mm

GROMMET DRIPLINE



Model	Specifications	Packing
Code	mm	box
35430016	16	1600H
35430020	20	1300H

*Offtake from HDPE & PVC pipes with 15mm drill



DRIPLINE FITTINGS

FLUSHING VALVE



Model	Specifications	Packing
Code	mm	box
32751602	16- Dripline	1200H
32751702	17- Drip Tape	1200H
32752002	20- Dripline	1000H
32741602	16- Indented	1200H
32742002	20- Indented	1000H
32742502	25- Indented	1000H

Working Pressure 4.0Atm | Closes on pressure above 0.6Atm | Opens on pressure below 0.5Atm

BASE FOR NEEDLE MANOMETER



Model	Specifications	Packing
Code		box
30200000	1/4"	5000E
30200001	snap	5000E

MANOMETER 1/4"



Model	Specifications	Packing
Code	Atm	box
Classic Φ60		
40060006	plain 6Atm	100
40060010	plain 10Atm	100
40060016	glycerine 16Atm	100
Rear connection Φ60		
40066010	Plain 10Atm	100
40066016	Plain 16Atm	100

SPARE RUBBERS



Model	Specifications	Packing
Code		box
41990002	Rubber Offtake	5000E
41990003	Rubber Grommet	5000E

MANOMETER NEEDLE



Model	Specifications	Packing
Code		box
30210000	Female 1/4"	5000A



COUPLING TAPE



Model	Specifications	Packing
Code	mm	box
31431717	17x17	1100H
31432222	22x22	600H

GROMMET TAPE



Model	Specifications	Packing
Code	mm	box
31400017	17	1400H

Offtake from HDPE pipes with 15mm drill

OFFTAKE TAPE



Model	Specifications	Packing
Code	mm	box
31420017	17	1400H
31420022	22	800H

Offtake from LDPE pipes with 8mm punch

INDENTED COUPLING TAPE



Model	Specifications	Packing
Code	mm	box
31461617	16x17	1500H
31461817	18x17	1400H
31462017	20x17	1400H
31462022	20x22	800H

TAPE STARTER



Model	Specifications	Packing
Code	mm	box
31370717	7x17	2000H
31371017	10x17	1700H

Offtake from LDPE pipe: 7x17 use punch 4mm
10x17 use punch 8mm

TERMINAL TAPE



Model	Specifications	Packing
Code	mm	box
31490017	17	2000H

ELBOW TAPE



Model	Specifications	Packing
Code	mm	box
31941717	17x17	1000H

TEE TAPE MALE NIPPLE



Model	Specifications	Packing
Code	mm x inch x mm	box
31840172	17x3/4"x17	700H

INDENTED MULTICOUPLING TAPE



Model	Specifications	Packing
Code	mm x inch	box
2 connections		
31442173	17x1"	550H
3 connections		
31443173	17x1"	400H
4 connections - One side		
31444173	17x1"	300H
4 connections X		
31445173	17x1"	300H
6 connections		
31446173	17x1"	200H

OFFTAKE TAPE (with rubber)



Model	Specifications	Packing
Code	mm	box
31350017	17	1100H
31350022	22	700H

Offtake from HDPE pipes with 15mm drill

NIPPLE TAPE



Model	Specifications	Packing
Code	mm x inch	box
31480017	3/8"x17	1800H
31480117	1/2"x17	1700H
31480217	3/4"x17	1300H
31480222	3/4"x22	1000H

ELBOW MALE NIPPLE TAPE



Model	Specifications	Packing
Code	mm x inch	box
31380172	17x3/4"	1100H

TEE TAPE



Model	Specifications	Packing
Code	mm	box
31881717	17x17x17	650H

TEE TAPE INDENTED



Model	Specifications	Packing
Code	mm	box
31471716	17x16x17	800H

TEE INDENTED TAPE



Model	Specifications	Packing
Code	mm	box
31862017	20x17x20	800H
31862517	25x17x25	500H

STARTER LAYFLAT



Model	Specifications	Packing
Code	inch	box
35100000	female-3/8"	2500H
35100001	female-1/2"	1600H
35100002	female-3/4"	1300H

Offtake from layflat with 13mm layflat punch

LAYFLAT STARTER (for safety nozzle)



Model	Specifications	Packing
Code	mm	box
35100008	female-8mm	2000E

Offtake from layflat with 13 mm layflat punch.
Connected with safety nozzle 8 x 12 (code: 3047/1812)

OFFTAKE LAYFLAT



Model	Specifications	Packing
Code		box
31390017	Tape-17	1300E

Offtake from layflat with 18 mm layflat punch.

PRESSURE REGULATOR



Model	Specifications	Color	Outlet Pressure		Packing	
			Atm	Psi	Pcs/bag	box
38010102	PN7-PD1.0	BLACK	1.0	15	10	400A
38010142	PN7-PD1.4	BROWN	1.4	20	10	400A
38010172	PN7-PD1.7	GREY	1.7	25	10	400A
38010202	PN7-PD2.0	BLUE	2.0	30	10	400A

Inlet female – Outlet male 3/4" X 3/4". Flow range from 0,08 m³/h up to 2,0m³/h. Maximum inlet pressure 7 bar.

Performance data

PN7-PD1.0	Inlet pressure - (Bar) - Πίεση εισόδου						
	1.5	2.0	3.0	4.0	5.0	6.0	7.0
Flow - Παροχή (m³/h)	0,25	0,9	1,0	1,0	1,1	1,2	1,3
	0,50	0,8	0,9	1,0	1,1	1,1	1,2
	1,00	0,8	0,9	0,9	1,0	1,0	1,0
	1,50	0,7	0,8	0,9	0,9	1,0	1,0
	2,00	0,6	0,7	0,9	1,0	1,1	1,2

Outlet pressure - (Bar) - Πίεση εξόδου

PN7-PD1.4	Inlet pressure - (Bar) - Πίεση εισόδου						
	1.5	2.0	3.0	4.0	5.0	6.0	7.0
Flow - Παροχή (m³/h)	0,25	1,2	1,2	1,3	1,4	1,4	1,5
	0,50	1,2	1,2	1,3	1,4	1,4	1,5
	1,00	1,0	1,2	1,3	1,3	1,3	1,3
	1,50	0,8	1,1	1,2	1,2	1,2	1,1
	2,00	0,7	0,9	1,2	1,2	1,3	1,4

Outlet pressure - (Bar) - Πίεση εξόδου

PN7-PD1.7	Inlet pressure - (Bar) - Πίεση εισόδου						
	1.5	2.0	3.0	4.0	5.0	6.0	7.0
Flow - Παροχή (m³/h)	0,25	1,6	1,7	1,7	1,9	1,9	2,1
	0,50	1,5	1,6	1,7	1,8	1,8	2,0
	1,00	1,4	1,6	1,7	1,8	1,8	1,9
	1,50	1,2	1,6	1,6	1,7	1,7	1,6
	2,00	1,0	1,5	1,6	1,7	1,7	1,7

Outlet pressure - (Bar) - Πίεση εξόδου

PN7-PD2.0	Inlet pressure - (Bar) - Πίεση εισόδου						
	1.5	2.0	3.0	4.0	5.0	6.0	7.0
Flow - Παροχή (m³/h)	0,25	-	1,6	1,8	1,8	2,0	2,1
	0,50	-	1,6	1,8	1,8	2,1	2,1
	1,00	-	1,3	1,8	1,8	2,0	2,0
	1,50	-	1,2	1,7	1,8	1,9	1,8
	2,00	-	1,0	1,6	1,7	1,7	1,8

Outlet pressure - (Bar) - Πίεση εξόδου





SADDLES PN16, PN10

SADDLES PN16 POTABLE

(with bolts)



Model	Specifications	Packing
Code	mm x inch	box
32050631	63x1/2"	80H
32050632	63x3/4"	80H
32050633	63x1"	80H
32050751	75x1/2"	80H
32050752	75x3/4"	80H
32050753	75x1"	70H
32050901	90x1/2"	50H
32050902	90x3/4"	60H
32050903	90x1"	50H
32051101	110x1/2"	50H
32051102	110x3/4"	50H
32051103	110x1"	35H

With brass female thread. Suitable for potable water. Spare part: Rubber ring code: 4201/6311 for sanitary application saddle available on request.

CLAMP SADDLE PN10

(with bolts)



Model	Specifications	Packing
Code	mm x inch	box
2 bolts		
42020251	25x1/2"	120A
42020252	25x3/4"	120A
32020321	32x1/2"	180H
32020322	32x3/4"	180H
42020323	32x1"	180H
32020401	40x1/2"	130H
32020402	40x3/4"	130H
32020403	40x1"	110H
32020501	50x1/2"	120H
32020502	50x3/4"	120H
32020503	50x1"	100H
4 bolts		
32020631	63x1/2"	80H
32020632	63x3/4"	80H
32020633	63x1"	80H
32020635	63x1 1/2"	65H
32020751	75x1/2"	70H
32020752	75x3/4"	65H
32020753	75x1"	60H
32020755	75x1 1/2"	50H
32020756	75x2"	50H
32020901	90x1/2"	50H
32020902	90x3/4"	45H
32020903	90x1"	45H
32020905	90x1 1/2"	40H
32020906	90x2"	35H
32021101	110x1/2"	30H
32021102	110x3/4"	35H
32021103	110x1"	30H
32021105	110x1 1/2"	30H
32021106	110x2"	35H
32021253	125x1"	30H
32021255	125x1 1/2"	25H
32021256	125x2"	25H
6 bolts		
42021403	140x1"	20H
42021405	140x1 1/2"	20H
42021406	140x2"	20H
42021603	160x1"	18H
42021605	160x1 1/2"	18H
42021606	160x2"	18H
42022003	200x1"	8H
42022005	200x1 1/2"	8H
42022006	200x2"	8H

Double Saddle with Bolts available on request

CLAMP SADDLE PN10

(with bolts & metallic ring)



Model	Specifications	Packing
Code	mm x inch	box
2 bolts		
42030251	25x1/2"	180H
42030252	25x3/4"	180H
32030322	32x3/4"	180H
32030402	40x3/4"	130H
32030403	40x1"	130H
32030501	50x1/2"	110H
32030502	50x3/4"	120H
32030503	50x1"	120H
4 bolts		
32030631	63x1/2"	80H
32030632	63x3/4"	80H
32030633	63x1"	80H
32030635	63x1 1/2"	65H
32030751	75x1/2"	80H
32030752	75x3/4"	65H
32030753	75x1"	60H
32030755	75x1 1/2"	60H
32030756	75x2"	50H
32030901	90x1/2"	50H
32030902	90x3/4"	45H
32030903	90x1"	55H
32030905	90x1 1/2"	40H
32030906	90x2"	35H
32031101	110x1/2"	40H
32031102	110x3/4"	35H
32031103	110x1"	40H
32031105	110x1 1/2"	35H
32031106	110x2"	35H
32031253	125x1"	30H
32031255	125x1 1/2"	25H
32031256	125x2"	25H
6 bolts		
42031406	140x2"	25H
42031605	160x1 1/2"	20H
42031606	160x2"	20H
42032006	200x2"	8H

Double Saddle with Bolts available on request



CLAMP SADDLE PN6 DRAWER

Model	Specifications	Packing
Code	mm x inch	box
32010251	25x1/2"	400H
32010321	32x1/2"	250H
32010322	32x3/4"	250H
32010401	40x1/2"	100A
32010402	40x3/4"	100A
32010403	40x1"	100A
32010501	50x1/2"	100M
32010502	50x3/4"	100M
32010503	50x1"	100M
32010631	63x1/2"	100I
32010632	63x3/4"	100I
32010633	63x1"	100I
32010703	70x1"	100D
32010752	75x3/4"	100D
32010753	75x1"	100D
32010902	90x3/4"	60K
32010903	90x1"	60K
32011102	110x3/4"	50K
32011103	110x1"	50K



DOUBLE CLAMP SADDLE PN6 DRAWER

Model	Specifications	Packing
Code	mm x inch	box
32110503	50x1"	70A
32110633	63x1"	100H
32110753	75x1"	60H
32110903	90x1"	45H



RUBBER RING

Model	Specifications	Packing
Code	mm	box
42000032	32	5000A
42004050	40-50	1800A
42006311	63-110	1000A



For Clamp Saddle Drawer Type
Certified for potable water

CLAMP SADDLE HOLDER ADD-ON

Model	Specifications	Packing
Code	mm	box
32004050	40-50 Blue	3000E
32006311	63-110 Red	1500E





TWIST PUNCH FOR CLAMP SADDLE


Model	Specifications	Packing
Code	mm	box
40600015	15	
40600018	18	





COMPRESSION FITTINGS PN16


MALE CONNECTION	Model	Specifications	Packing
	Code	mm x inch	box
	32530201	20x1/2"	550H
	32530202	20x3/4"	500H
	32530252	25x3/4"	350H
	32530253	25x1"	350H
	32530322	32x3/4"	250H
	32530323	32x1"	200H
	32530403	40x1"	170H
	32530404	40x1 ^{1/4} "	130H
	32530405	40x1 ^{1/2} "	130H
	32530406	40x2"	130H
	32530505	50x1 ^{1/2} "	80H
	32530506	50x2"	80H
	32530635	63x1 ^{1/2} "	50H
	32530636	63x2"	45H
	32530637	63x2 ^{1/2} "	40H
	42530757	75x2 ^{1/2} "	30H
	42530908	90x3"	18H
	42531109	110x4"	8H
	42521259	125x4"	6


QUICK COUPLING	Model	Specifications	Packing
	Code	mm	box
	32632020	20x20	300H
	32632525	25x25	200H
	32633232	32x32	150H
	32634040	40x40	90H
	32635050	50x50	50H
	32636363	63x63	30H
	42637575	75x75	15H
	42639090	90x90	12H
	42631111	110x110	5H
	42631212	125x125	3


TEE CONNECTION MALE	Model	Specifications	Packing
	Code	mm x inch	box
	36530201	20x1/2"x20	200H
	36530202	20x3/4"x20	200H
	36530252	25x3/4"x25	150H
	36530323	32x1"x32	100H
	36530404	40x1 ^{1/4} "x40	50H
	36530405	40x1 ^{1/2} "x40	55H
	36530505	50x1 ^{1/2} "x50	30H
	36530506	50x2"x50	30H
	46530636	63x2"x63	18H
	46530757	75x2 ^{1/2} "x75	8H
	46530908	90x3"x90	7H
	46531109	110x4"x110	4H

MALE CONNECTION BRASS THREADED	Model	Specifications	Packing
	Code	mm x inch	box
	32540201	20X1/2"	500H
	32540252	25X3/4"	300H
	32540323	32X1"	150H

FEMALE CONNECTION BRASS THREADED	Model	Specifications	Packing
	Code	mm x inch	box
	32550201	20X1/2"	300E
	32550252	25X3/4"	200E
	32550323	32X1"	150H

TERMINAL PN16	Model	Specifications	Packing
	Code	mm	box
	32730020	20	650H
	32730025	25	400H
	32730032	32	250H
	32730040	40	190H
	32730050	50	100H
	32730063	63	50H
	42730075	75	30H
	42730090	90	20H
	42730110	110	12H

REDUCING QUICK COUPLING	Model	Specifications	Packing
	Code	mm	box
	32632520	25x20	250H
	32633225	32x25	150H
	32634032	40x32	100H
	32635040	50x40	60H
	32636340	63x40	40H
	32636350	63x50	35H

QUICK TEE COUPLING	Model	Specifications	Packing
	Code	mm	box
	36732020	20x20x20	150H
	36732525	25x25x25	150H
	36733232	32x32x32	80H
	36734040	40x40x40	45H
	36735050	50x50x50	25H
	46736363	63x63x63	13H
	46737575	75x75x75	6H
	46739090	90x90x90	5H
	46731111	110x110x110	9



COMPRESSION FITTINGS PN16

ELBOW QUICK COUPLING



Model	Specifications	Packing
Code	mm	box
32982020	20x20	250H
32982525	25x25	200H
32983232	32x32	50A
32984040	40x40	70H
32985050	50x50	40H
43006363	63x63	20H
43007575	75x75	12H
43009090	90x90	8H
43001111	110x110	4H

ELBOW MALE THREADED



Model	Specifications	Packing
Code	mm x inch	box
32943201	20x1/2"	450H
32943252	25x3/4"	300H
32943323	32x1"	150H
32943404	40x1 ^{1/4} "	120H
32943405	40x1 ^{1/2} "	100H
32943505	50x1 ^{1/2} "	60H
42943636	63x2"	35H

WRENCH



Model	Specifications	Packing
Code	mm	box
42554063	32-63	60A
42557512	75-125	35H

NUT FOR PN16



Model	Specifications	Packing
Code	mm	box
32440020	20	400A
32440025	25	280H
32440032	32	250E
32440040	40	150E
32440050	50	130H
32440063	63	80H

THRUST RING FOR PN10-PN16



Model	Specifications	Packing
Code	mm	box
32520020	20	10
32520025	25	10
32520032	32	10
32520040	40	10
32520050	50	10
32520063	63	10
32520075	75	10
32520090	90	10
32520110	110	10

CLINCHING RING FOR PN16-PN10



Model	Specifications	Packing
Code	mm	box
32320020	20	10
32320025	25	10
32320032	32	10
32320040	40	10
32320050	50	10
32320063	63	10
32320075	75	10
32320090	90	10
32320110	110	10

O-RING FOR PN10-PN16



Model	Specifications	Packing
Code	mm	box
32430020	20	10
32430025	25	10
32430032	32	10
32430040	40	10
32430050	50	10
32430063	63	10
32430075	75	10
32430090	90	10
32430110	110	10

TEFLON



Model	Specifications	Packing
Code	mm x inch	box
40070001	12x10x0,076	1200
40070002	19x15x0,20	250



COMPRESSION FITTINGS PN10

MALE CONNECTION



Model	Specifications	Packing
Code	mm x inch	box
32520201	20x1/2"	550H
32520202	20x3/4"	500H
32520252	25x3/4"	350H
32520253	25x1"	350H
32520322	32x3/4"	250H
32520323	32x1"	200H
32520403	40x1"	170H
32520404	40x1 ^{1/4} "	130H
32520405	40x1 ^{1/2} "	130H
32520406	40x2"	130H
32520505	50x1 ^{1/2} "	80H
32520506	50x2"	80H
32520635	63x1 ^{1/2} "	50H
32520636	63x2"	45H
32520637	63x2 ^{1/2} "	45H
32520756	75x2"	22H
32520757	75x2 ^{1/2} "	22H
32520908	90x3"	13H
32520909	90x4"	12H
32521108	110x3"	7H
32521109	110x4"	7H

QUICK COUPLING



Model	Specifications	Packing
Code	mm	box
32622020	20x20	300H
32622525	25x25	200H
32623232	32x32	150H
32624040	40x40	90H
32625050	50x50	50H
32626363	63x63	30H
32627575	75x75	14H
32629090*	90x90	8H
32621111*	110x110	5H

* With internal special formation to be used as sleeve socket to HDPE pipes

QUICK TEE COUPLING



Model	Specifications	Packing
Code	mm	box
36712020	20x20x20	150H
36712525	25x25x25	150H
36713232	32x32x32	80H
36714040	40x40x40	45H
36715050	50x50x50	25H
36716363	63x63x63	14H
36717575	75x75x75	7H
36719090	90x90x90	4H
36711111	110x110x110	2H

FEMALE CONNECTION



Model	Specifications	Packing
Code	mm x inch	box
32560201	20x1/2"	500H
32560202	20x3/4"	450H
32560252	25x3/4"	350H
32560253	25x1"	300H
32560322	32x3/4"	200H
32560323	32x1"	200H
32560404	40x1 ^{1/4} "	125H
32560405	40x1 ^{1/2} "	125H
32560505	50x1 ^{1/2} "	75H
32560506	50x2"	65H
32560636	63x2"	45H
32560757	75x2 ^{1/2} "	23H
32560908	90x3"	13H
42561109*	110x4"	8H

* With Reinforcing ring

REDUCING QUICK COUPLING



Model	Specifications	Packing
Code	mm	box
32622520	25x20	250H
32623225	32x25	150H
32624032	40x32	100H
32625040	50x40	60H
32626340	63x40	40H
32626350	63x50	35H
32627563	75x63	18H
32629063	90x63	10H
32629075	90x75	10H
32621190	110x90	6H

REDUCING QUICK TEE COUPLING



Model	Specifications	Packing
Code	mm	box
46722520	25x20x25	120H
46723225	32x25x32	70H
46724032	40x32x40	45H
46725040	50x40x50	25H
46726350	63x50x63	17H
46727563	75x63x75	9H
36729063	90x75x90	4H
36729075	90x75x90	4H
36721190	110x90x110	2H



COMPRESSION FITTINGS PN10

TEE CONNECTION FEMALE

Model	Specifications	Packing
Code	mm x inch	box
46610201	20x1/2"x20	200H
46610202	20x3/4"x20	180H
46610252	25x3/4"x25	120H
46610253	25x1"x25	130H
36610322	32x3/4"x32	100H
36610323	32x1"x32	100H
36610404	40x1 ^{1/4} "x40	60H
36610505	50x1 ^{1/2} "x50	33H
36610636	63x2"x63	20H
46610757*	75x2 ^{1/2} "x75	8H
46610908**	90x3"x90"	9H
46611109*	110x4"x110	6H



*With Reinforcing ring | Code 4 with blue nut
**Black nut

TERMINAL

Model	Specifications	Packing
Code	mm	box
32720020	20	650H
32720025	25	400H
32720032	32	250H
32720040	40	190H
32720050	50	100H
32720063	63	50H
32720075	75	25H
32720090	90	14H
32720110	110	8H



ELBOW FEMALE THREAD

Model	Specifications	Packing
Code	mm x inch	box
42830201	20x1/2"	430H
42830202	20x3/4"	360H
42830252	25x3/4"	260H
42830253	25x1"	240H
32830322	32x3/4"	200H
32830323	32x1"	150H
32830404	40x1 ^{1/4} "	90H
32830505	50x1 ^{1/2} "	55H
32830636	63x2"	30H
42830757*	75x2 ^{1/2} "	20H
42830908*	90x3"	12H
42831109*	110x4"	7H



* With Reinforcing ring

ELBOW QUICK COUPLING

Model	Specifications	Packing
Code	mm	box
32992020	20x20	250H
32992525	25x25	200H
32993232	32x32	50H
32994040	40x40	70H
32995050	50x50	40H
32996363	63x63	23H
32997575	75x75	11H
32999090	90x90	6H
32991111	110x110	3H



TEE CONNECTION MALE

Model	Specifications	Packing
Code	mm x inch	box
36510201	20x1/2"x20	200H
36510202	20x3/4"x20	200H
36510203	20x1"x20	200H
36510251	25x1/2"x25	150H
36510252	25x3/4"x25	150H
36510253	25x1"x25	150H
36510321	32x1/2"x32	100H
36510322	32x3/4"x32	100H
36510323	32x1"x32	100H
36510404	40x1 ^{1/4} "x40	50H
36510405	40x1 ^{1/2} "x40	55H
36510406	40x2"x40	50H
36510505	50x1 ^{1/2} "x50	30H
36510506	50x2"x50	30H
36510635	63x1 ^{1/2} "x63	20H
36510636	63x2"x63	18H
36510756	75x2"x75	10H
36510757	75x2 ^{1/2} "x75	9H
36510908	90x3"x90	5H
36511109	110x4"x110	3H



FLANGE ADAPTOR

Model	Specifications	Packing
Code	mm	box
44180636*	63x2"	20H
44180757	75x2 ^{1/2} "	13H
44180908	90x3"	8H
44181109	110x4"	6H



* With Plastic Flange and Blue nut

ELBOW MALE THREAD

Model	Specifications	Packing
Code	mm x inch	box
32820201	20x1/2"	450H
32820202	20x3/4"	450H
32820251	25x1/2"	300H
32820252	25x3/4"	300H
32820253	25x1"	300H
32820321	32x1/2"	200H
32820322	32x3/4"	200H
32820323	32x1"	150H
32820404	40x1 ^{1/4} "	120H
32820405	40x1 ^{1/2} "	100H
32820406	40x2"	100H
32820505	50x1 ^{1/2} "	60H
32820506	50x2"	55H
32820636	63x2"	35H
32820757	75x2 ^{1/2} "	17H
32820908	90x3"	10H
32821109	110x4"	6H



COMPRESSION FITTINGS PN10

NUT FOR PN10



Model	Specifications	Packing
Code	mm	box
32420020	20	400A
32420025	25	280H
32420032	32	250E
32420040	40	150E
32420050	50	130H
32420063	63	80H
32420075	75	80H
32420090	90	60H
32420110	110	40H

CLINCHING RING FOR PN16-PN10



Model	Specifications	Packing
Code	mm	box
32320020	20	10
32320025	25	10
32320032	32	10
32320040	40	10
32320050	50	10
32320063	63	10
32320075	75	10
32320090	90	10
32320110	110	10

THRUST RING FOR PN10-PN16



Model	Specifications	Packing
Code	mm	box
32520020	20	10
32520025	25	10
32520032	32	10
32520040	40	10
32520050	50	10
32520063	63	10
32520075	75	10
32520090	90	10
32520110	110	10

WRENCH



Model	Specifications	Packing
Code	mm	box
42554063	32-63	60A
42557512	75-125	35H

TEFLON



Model	Specifications	Packing
Code	mm x inch	box
40070001	12x10x0,076	1200
40070002	19x15x0,20	250

O-RING for PN10-PN16



Model	Specifications	Packing
Code	mm	box
32430020	20	10
32430025	25	10
32430032	32	10
32430040	40	10
32430050	50	10
32430063	63	10
32430075	75	10
32430090	90	10
32430110	110	10





LOCK FITTINGS PN6

MALE CONNECTION



Model	Specifications	Packing
Code	mm x inch	box
32510161	16x1/2"	850H
32510162	16x3/4"	800H
32510163	16x1"	550H
32510201	20x1/2"	800H
32510202	20x3/4"	750H
32510203	20x1"	500H
32510252	25x3/4"	450H
32510253	25x1"	400H
32510322	32x3/4"	250H
32510323	32x1"	200H
32510324	32x1 ^{1/4} "	200H

FEMALE CONNECTION



Model	Specifications	Packing
Code	mm x inch	box
32500161	16x1/2"	700H
32500162	16x3/4"	600H
32500201	20x1/2"	700H
32500202	20x3/4"	550H
32500251	25x1/2"	450H
32500252	25x3/4"	400H
32500253	25x1"	350H

QUICK COUPLING



Model	Specifications	Packing
Code	mm	box
32611616	16x16	500H
32612016	20x16	450H
32612020	20x20	450H
32612516	25x16	300H
32612520	25x20	300H
32612525	25x25	250H
32613220	32x20	200H
32613225	32x25	200H
32613232	32x32	150H

TERMINAL



Model	Specifications	Packing
Code	mm	box
32710016	16	1000H
32710020	20	900H
32710025	25	500H
32710032	32	250H

TEE QUICK COUPLING



Model	Specifications	Packing
Code	mm	box
32911616	16x16x16	250H
32911620	16x20x16	200H
32912016	20x16x20	250H
32912020	20x20x20	200H
32912025	20x25x20	200H
32912516	25x16x25	200H
32912520	25x20x25	150H
32912525	25x25x25	150H
32913220	32x20x32	100H
32913225	32x25x32	100H
32913232	32x32x32	80H

TEE CONNECTION MALE THREADED



Model	Specifications	Packing
Code	mm x inch x mm	box
32810161	16x1/2"x16	300H
32810162	16x3/4"x16	300H
32810163	16x1"x16	250H
32810201	20x1/2"x20	300H
32810202	20x3/4"x20	300H
32810203	20x1"x20	250H
32810251	25x1/2"x25	200H
32810252	25x3/4"x25	200H
32810253	25x1"x25	200H
32810321	32x1/2"x32	100H
32810322	32x3/4"x32	100H
32810323	32x1"x32	100H
32810324	32x1 ^{1/4} "x32	50E

TEE CONNECTION FEMALE THREADED



Model	Specifications	Packing
Code	mm x inch x mm	box
32850161	16x1/2"x16	300H
32850162	16x3/4"x16	250H
32850163	16x1"x16"	250H
32850201	20x1/2"x20"	300H
32850202	20x3/4"x20	250H
32850203	20x1"x20	250H
32850251	25x1/2"x25	200H
32850252	25x3/4"x25	200H
32850253	25x1"x25	200H
32850322	32x3/4"x32	100H
32850323	32x1"x32	100H



ELBOW QUICK COUPLING



Model	Specifications	Packing
Code	mm x inch	box
33001616	16x16	400H
33002020	20x20	400H
33002520	25x20	250H
33002525	25x25	200H
33003225	32x25	150H
33003232	32x32	100E

ELBOW FEMALE THREADED



Model	Specifications	Packing
Code	mm	box
32960161	16x1/2"	550H
32960162	16x3/4"	450H
32960163	16x1"	350H
32960201	20x1/2"	450H
32960202	20x3/4"	450H
32960203	20x1"	400H
32960251	25x1/2"	400H
32960252	25x3/4"	300H
32960253	25x1"	250H
32960322	32x3/4"	200H
32960323	32x1"	150H

ELBOW MALE THREADED



Model	Specifications	Packing
Code	mm x inch	box
32940161	16x1/2"	700H
32940162	16x3/4"	500H
32940201	20x1/2"	650H
32940202	20x3/4"	500H
32940203	20x1"	400H
32940251	25x1/2"	450H
32940252	25x3/4"	400H
32940253	25x1"	350H
32940321	32x1/2"	200H
32940322	32x3/4"	200H
32940323	32x1"	200H
32940324	32x1 ^{1/4} "	150H

GRIP RING



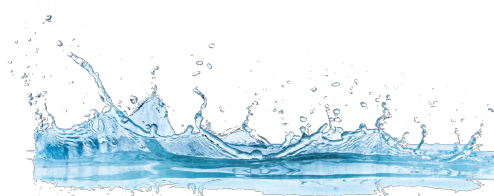
Model	Specifications	Packing
Code	mm	box
32310016	16 - Green	4500H
32310020	20 - Blue	4000H
32310025	25 - Red	2000H
32310032	32 - Black	1200H

COUPLING NUT



Model	Specifications	Packing
Code	mm	box
32410162	16	1500H
32410202	20	1500H
32413202	20*	1500H
32410253	25	800H
32410324	32	400H

* Dripline





CONNECTION FITTINGS

NIPPLE



Model	Specifications	Packing
Code	inch	box
33010101	1/2"x1/2"	2500H
33010202	3/4"x3/4"	1400H
33010303	1"x1"	700H
33010404	1 1/4"x1 1/4"	300H
33010505	1 1/2"x1 1/2"	300H
33010606	2"x2"	170H
43010707	2 1/2"x2 1/2"	100H
43010808	3"x3"	84H
43010909	4"x4"	30H

SOCKET



Model	Specifications	Packing
Code	inch	box
33510101	1/2"x1/2"	1500H
33510202	3/4"x3/4"	800H
33510303	1"x1"	600H
33510404	1 1/4"x1 1/4"	180H
33510505	1 1/2"x1 1/2"	170H
33510606	2"x2"	110H
43510707*	2 1/2"x2 1/2"	90H
43510808*	3"x3"	60H
43510909*	4"x4"	32H

* With Reinforcing ring

TEE THREADED MALE



Model	Specifications	Packing
Code	inch	box
33110111	1/2"x1/2"x1/2"	1100H
33110212	3/4"x1/2"x3/4"	600H
33110222	3/4"x3/4"x3/4"	600H
33110232	3/4"x1"x3/4"	500H
33110313	1"x1/2"x1"	400H
33110323	1"x3/4"x1"	400H
33110333	1"x1"x1"	400H
33110414	1 1/4"x1/2"x1 1/4"	200H
33110424	1 1/4"x3/4"x1 1/4"	200H
33110434	1 1/4"x1"x1 1/4"	200H
33110444	1 1/4"x1 1/4"x1 1/4"	150H
33110555	1 1/2"x1 1/2"x1 1/2"	100H
33110666	2"x2"x2"	55H

TANK ADAPTOR (with single elastomeric ring)



Model	Specifications	Packing
Code	inch	box
31601001	1/2"	900H
31601002	3/4"	750H
31601003	1"	450H
31601005	1 1/2"	180H
31601006	2"	120H

REDUCING NIPPLE



Model	Specifications	Packing
Code	inch	box
33020201	3/4"x1/2"	1800H
33020301	1"x1/2"	1000H
33020302	1"x3/4"	900H
33020402	1 1/4"x3/4"	400H
33020403	1 1/4"x1"	400H
33020405	1 1/2"x1 1/4"	300H
33020503	1 1/2"x1"	350H
33020506	2"x1 1/2"	200H
43020706	2 1/2"x2"	100H
43020708	3"x2 1/2"	90H
43020809	4"x3"	48H

REDUCING SOCKET



Model	Specifications	Packing
Code	mm	box
33520001	3/8"x1/2"	2000H
33520002	3/8"x3/4"	1700H
33520201	3/4"x1/2"	1000H
33520301	1"x1/2"	800H
33520302	1"x3/4"	600H
43520403	1 1/4"x1"	280H
33520504	1 1/2"x1 1/4"	180H
33520604	2"x1 1/4"	140H
33520605	2"x1 1/2"	130H
43520706*	2 1/2"x2"	80H
43520807*	3"x2 1/2"	60H
43520908*	4"x3"	32H

* With Reinforcing ring

TEE THREADED (Male-Female-Male)



Model	Specifications	Packing
Code	inch	box
33120212	3/4"x1/2"x3/4"	500H
33120222	3/4"x3/4"x3/4"	500H
33120232	3/4"x1"x3/4"	400H
33120313	1"x1/2"x1"	400H
33120323	1"x3/4"x1"	400H
33120333	1"x1"x1"	300H
33120424	1 1/4"x3/4"x1 1/4"	200H
33120434	1 1/4"x1"x1 1/4"	200H

BODY TEE FEMALE



Model	Specifications	Packing
Code	inch	box
36110111	1/2"x1/2"x1/2"	300A
36110222	3/4"x3/4"x3/4"	180A
36110333	1"x1"x1"	120A
44110444	1 1/4"x1 1/4"x1 1/4"	130H
44110555	1 1/2"x1 1/2"x1 1/2"	90H
44110666	2"x2"x2"	44H
44110777*	2 1/2"x2 1/2"x2 1/2"	24H
44110888*	3"x3"x3"	16H

* With Reinforcing ring



CONNECTION FITTINGS

ELBOW THREADED M-M



Model	Specifications	Packing
Code	inch	box
33100101	1/2"x1/2"	1600H
33100202	3/4"x3/4"	900H
33100303	1"x1"	500H
33100404	1 1/4"x1 1/4"	250H
33100505	1 1/2"x1 1/2"	150H
33100606	2"x2"	80H

ELBOW THREADED M-F



Model	Specifications	Packing
Code	inch	box
33080101	1/2"x1/2"	1200H
33080201	3/4"x1/2"	900H
33080202	3/4"x3/4"	700H
33080203	3/4"x1"	500H
33080301	1"x1/2"	700H
33080302	1"x3/4"	500H
33080303	1"x1"	400H
33080403	1 1/4"x1"	300H

REDUCER MALE-FEMALE



Model	Specifications	Packing
Code	inch	box
33550001	1/2"x1/4"	4000H
33550100	1/2"x3/8"	3500H
33550102	1/2"x3/4"	1100H
33550103	1/2"x1"	800H
33550201	3/4"x1/2"	1400H
33550202	3/4"x3/4"	900H
33550203	3/4"x1"	800H
33550301	1"x1/2"	1100H
33550302	1"x3/4"	800H
43550403	1 1/4"x1"	650H
33550405	1 1/4"x1 1/2"	200H
33550504	1 1/2"x1 1/4"	200H
33550506	1 1/2"x2"	160H
33550604	2"x1 1/4"	170H
33550605	2"x1 1/2"	170H
43550706	2 1/2"x2"	200H
43550807	3"x2 1/2"	140H
43550908	4"x3"	60H

REDUCING ELBOW THREADED M-M



Model	Specifications	Packing
Code	inch	box
33090201	3/4"x1/2"	1200H
33090301	1"x1/2"	900H
33090302	1"x3/4"	700H
33090401	1 1/4"x1/2"	400H
33090402	1 1/4"x3/4"	400H
33090403	1 1/4"x1"	300H
33090506	1 1/2"x2"	120H

BODY ELBOW FE- MALE



Model	Specifications	Packing
Code	mm	box
36100101	1/2"x1/2"	500A
36100202	3/4"x3/4"	300A
36100303	1"x1"	200A
44100404	1 1/4"x1 1/4"	200H
44100505	1 1/2"x1 1/2"	120H
44100606	2"x2"	60H
44100707*	2 1/2"x2 1/2"	45H
44100808*	3"x3"	25H

* With Reinforcing ring

MALE PLUG



Model	Specifications	Packing
Code	inch	box
33310001	1/2"	4000H
33310002	3/4"	2500H
33310003	1"	1300H
33310004	1 1/4"	600H
33310005	1 1/2"	550H
33310006	2"	300H
43310007	2 1/2"	210H
43310008	3"	120H
43310009	4"	54H

FEMALE PLUG



Model	Specifications	Packing
Code	inch	box
Without O-RING		
33610001	1/2"	4500H
33610002	3/4"	2700H
33610003	1"	1400H
33611004	1 1/4"	900H
33611005	1 1/2"	600H
33611006	2"	350H
33611008	3"	100H
With O-RING		
33612002	3/4"	2700H
33612003	1"	1400H
33612004	1 1/4"	900H
33610005	1 1/2"	700H
33610006	2"	400H
33610008	3"	100H





LAYFLAT FITTINGS

MALE ADAPTOR FEMALE THREAD



Model	Specifications	Packing
Code	clamp x thread	box
48020003	1"x1"	
48020004	1 ¹ / ₄ " x 1 ¹ / ₄ "	
48020005	1 ¹ / ₂ " x 1 ¹ / ₂ "	
48020006	2" x 2"	
48020007	3" x 2 ¹ / ₂ "	
48020008	3" x 3"	

MALE ADAPTOR HOSE FITTING



Model	Specifications	Packing
Code	clamp x hose	box
48060038	1 ¹ / ₂ " x 38	
48060050	2" x 50	
48060063	3" x 60	
48060075	3" x 75	

FEMALE COUPLER MALE THREAD



Model	Specifications	Packing
Code	clamp x thread	box
48050003	1"x1"	
48050004	1 ¹ / ₄ " x 1 ¹ / ₄ "	
48050005	1 ¹ / ₂ " x 1 ¹ / ₂ "	
48050006	2" x 2"	
48050007	3" x 2 ¹ / ₂ "	
48050008	3" x 3"	

TERMINAL FOR FEMALE COUPLER



Model	Specifications	Packing
Code	clamp x thread	box
48090003	1"	
48090004	1 ¹ / ₄ "	
48090005	1 ¹ / ₂ "	
48090006	2"	
48090008	3"	

COUPLING FOR LAYFLAT



Model	Specifications	Packing
Code	inch	box
48100006	2"	52H
48100007	2 ¹ / ₂ "	37H
48100008	3"	18H
48100009	4"	11H

LAYFLAT STARTER



Model	Specifications	Packing
Code	inch	box
35100000	female-3/8"	2500H
35100001	female-1/2"	1600H
35100002	female-3/4"	1300H

Offtake from Layflat with 13mm layflat punch

OFFTAKE LAYFLAT



Model	Specifications	Packing
Code	mm	box
31390017	Tape-17	1300H

Offtake from Layflat with 18mm layflat punch

MALE ADAPTOR MALE THREADED



Model	Specifications	Packing
Code	clamp x thread	box
48040003	1"x1"	
48040004	1 ¹ / ₄ " x 1 ¹ / ₄ "	
48040005	1 ¹ / ₂ " x 1 ¹ / ₂ "	
48040006	2" x 2"	
48040007	3" x 2 ¹ / ₂ "	
48040008	3" x 3"	

FEMALE COUPLER FEMALE THREAD



Model	Specifications	Packing
Code	clamp x thread	box
48030003	1"x1"	
48030004	1 ¹ / ₄ " x 1 ¹ / ₄ "	
48030005	1 ¹ / ₂ " x 1 ¹ / ₂ "	
48030006	2" x 2"	
48030007	3" x 2 ¹ / ₂ "	
48030008	3" x 3"	

FEMALE COUPLER HOSE FITTING



Model	Specifications	Packing
Code	clamp x hose	box
48070038	1 ¹ / ₂ " x 38	
48070050	2" x 50	
48070063	3" x 63	
48070075	3" x 75	

MALE ADAPTOR FOR LAYFLAT



Model	Specifications	Packing
Code	clamp x thread	box
48120606	2" x 2"	65A
48120706	2 ¹ / ₂ " x 2"	45A
48120707	2 ¹ / ₂ " x 2 ¹ / ₂ "	38A
48120807	3" x 2 ¹ / ₂ "	27A
48120808	3" x 3"	27A
48120908	4" x 3"	14A

COUPLING FOR LAYFLAT

(with male offtake 1")



Model	Specifications	Packing
Code	clamp x thread	box
48110838	3" x 1" x 3"	70H

LAYFLAT STARTER (for safety nozzle)



Model	Specifications	Packing
Code	mm	box
35100008	female-8mm	2500H

Offtake from Layflat with 13mm layflat punch | Connected with safety nozzle 8x12 code 30471812



LAYFLAT FITTINGS

METALLIC CLAMP CLIP



Model	Specifications		Packing
Code	inches	mm	box
41324751		47-51	200A
41325155	1 ^{3/4} "	51-55	200A
41325559	2"	55-59	200A
41325963		59-63	150A
41326368	2 ^{1/4} "	63-68	130A
41326873	2 ^{1/2} "	68-73	130A
41327379	2 ^{3/4} "	73-79	120A
41327985	3"	79-85	120A
41328691	3 ^{1/4} "	86-91	100A
41329197	3 ^{1/2} "	91-97	90A
41329704	3 ^{3/4} "	97-104	80A
41321011	4"	104-112	80A
41321112	4 ^{1/4} "	112-121	60A
41321213	4 ^{1/2} "	121-130	60A
41321314	5"	130-140	40A
41321516	6"	150-165	40A
41321819	6"	180-195	35A
41322123	8"	210-230	30A

LAYFLAT PUNCH



Model	Specifications	Packing
Code	mm	box
40040013	13mm	100
40040018	18mm	100



CHECK VALVE for microsprinklers



Model	Open-close	Inlet-outlet	
Code	Atm	color	mm
30340606	1,8-1,0	Blue	6 Female
30340007	1,8-1,0	Blue	7 On line indented
30350606	0,6-0,4	Red	6 Female

Quantity 4000 pcs per box type A

WEIGHT for microtube Ø6—Ø7



Model	Specifications		Packing
Code	weight	color	Pcs/box
30520000	40gr	white	500A

FEMALE SUPPORT BASE 3/8"



Model	Specifications		Packing
Code	Inch	Microtube	Pcs/box
30481200	3/8"	PVC 12mm	2000E
30480012	3/8"	PVC 12mm	3000H

Suitable for spike or metallic rod $\Phi 8$
For sprinklers with male thread 3/8"

SPIKE



Model	Specifications		Packing
Code	mm	Color	Pcs/box
Length Medium 40 cm			
30510840	8	Black	500H
30511840	8	Red	500H
Length Large 50 cm			
30510850	8	Black	200H
30511250	12	Black	150H

INDENTED PLUG



Model	Specifications		Packing
Code	mm	Color	Pcs/box
30591004	4	Blue	50000H
30591006	6	Red	30000H
30591008	8	Grey	20000H
30591010	10	Black	10000H

FLOW CONTROLLER for microsprinklers



Model	Specifications		Packing
Code	lph	color	Pcs/box
30150050	50	Orange	6000A
30150070	70	Black	6000A
30150090	90	Green	6000A
30150105	105	Blue	6000A
30150140	140	Pink	6000A
30150200	200	Yellow	6000A

Pressure compensating range 2.0 - 5.0 atm

WEIGHT for microtube Ø7 complete



Model	Specifications		Packing
Code	Length $\varnothing 7$ (cm)		Pcs/box
30500015	15		350A
30500030	30		300A
30500040	40		200A
30500060	60		400H
30500100	100		300H

SAFETY FEMALE BASE 1/2"



Model	Specifications		Packing
Code	Inch	Microtube	Pcs/box
30481201	1/2"	PVC & PE 12mm	1200H

Suitable for spike or metallic rod $\Phi 8$
For sprinklers with male thread 1/2"

ADAPTOR

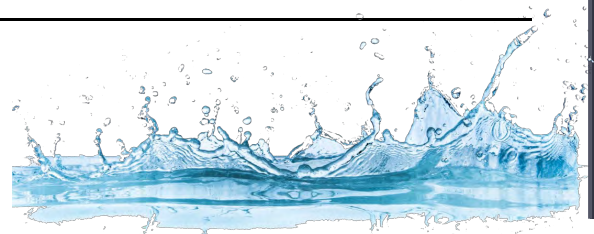


Model	Specifications		Packing
Code	mm	Color	Pcs/box
30540006	6	Black	20000H
30541006	6	Red	20000H
30541008	8	Grey	10000H


ADAPTOR PLUG



Model	Specifications		Packing
Code	mm	Color	Pcs/box
30581006	6	Red	45000H
30581008	8	Grey	30000H




Nozzle

Model	Specifications	Packing
Code	mm	Pcs/box
 30550007	7	25000E


MALE COUPLING

Model	Specifications	Packing
Code	mm	Pcs/box
 30620606	6 X 6	30000H


REDUCING INDENTED COUPLING

Model	Specifications	Packing
Code	mm	Pcs/box
 31010712	7 X 12	10000E


MINI ELBOW INDENTED

Model	Specifications	Packing
Code	mm	Pcs/box
 31170404	4 x 4	40000E
31170606	6 x 6	30000H


MINI TEE INDENTED

Model	Specifications	Packing
Code	mm	Pcs/box
 31150444	4 x 4 x 4	30000E
31150666	6 x 6 x 6	20000H


FEMALE TEE

Model	Specifications	Packing
Code	mm	Pcs/box
 30680666	6 x 6 x 6	15000H


MALE NOZZLE

Model	Specifications	Packing
Code	mm	Pcs/box
 30560606	6 x 6 PVC	20000E
30560612	6 x 12 PE	10000H


SAFETY NOZZLE

Model	Specifications	Packing
Code	mm	Pcs/box
 30471812	8 x 12 Grey	2700A


INDENTED COUPLING

Model	Specifications	Packing
Code	mm	Pcs/box
 31010505	5 x 5	40000H
31010606	6 x 6	30000H
31010707	7 x 7	25000E


FEMALE COUPLING

Model	Specifications	Packing
Code	mm	Pcs/box
 30610606	6 x 6	20000H


SNAP FIT

Model	Specifications	Packing
Code	mm	Pcs/box
 30660004	4	40000E
30660005	5	40000H
30660006	6	30000H


DH SNAP FIT for distribution manifold

Model	Specifications	Packing
Code	mm	Pcs/box
 31270003	7 x 12	30000H


TEE SNAP FIT

Model	Specifications	Packing
Code	mm	Pcs/box
 31160404	4 x 4 x 4	20000E


CROSS


Model	Specifications	Packing
Code	mm	Pcs/box
 34126666	6 x 6 x 6	20000H

FEMALE NOZZLE


Model	Specifications	Packing
Code	mm	Pcs/box
 30570612	6 x 12 PE	20000H


FEMALE TEE NOZZLE

Model	Specifications	Packing
Code	mm	Pcs/box
 30400620	6- 6 x 20 PE	3500H


JOINT	Model	Specifications	Packing
	Code	mm	Pcs/box
	30530008	8	5000A


REDUCER male-female	Model	Specifications	Packing
	Code	mm	Pcs/box
	33550001	1/2" x 1/4"	4000H

SUPPORTING HOOK	Model	Specifications	Packing
	Code	mm	Pcs/box
	31100016	16	6000H
	31100020	20	5000H
	31100025	25	3200H


SPECIAL SUPPORTING HOOK	Model	Specifications	Packing
	Code	mm	Pcs/box
	31110020	8X20	4000H
	31110025	8X25	3000H

For use with microsprinklers


MINI VALVE for microsprinklers	Model	Specifications	Packing
	Code	mm	Pcs/box
	30630606	6 x 6	6000A

GROUND HOOK	Model	Specifications	Packing
	Code	mm	Pcs/box
	31121620	16-20	800H

For PE pipes 16 & 20mm | Length 14.5cm

GROUND HOOK SUPER	Model	Specifications	Packing
	Code	mm	Pcs/box
	31120030	16-20	300A

For PE pipes 16 & 20mm. Length 30,0cm. Application with microtube 5mm for underground irrigation

SUPER SUPPORTING HOOK	Model	Specifications	Packing
	Code	mm	Pcs/box
	32240016	16	1300H
	32240020	20	1000H

Length 15.0cm

SPIKE SUPPORTING	Model	Specifications	Packing
	Code	mm	Pcs/box
	30640037	3-4-5-6-7	4000H

Spike length 14.7cm



SPECIAL PUNCH



Snap-fit installation



Pal-mini installation
Ergonomic grip | Special formation for insulation of Pal-mini Sprayer & snap-fit 4mm, 5mm, 6mm

Model	Specifications	Packing
Code	mm	Color
30681002	2	Grey
30681003	3	Green
30681004	4	Blue
30681006	6	Red
30681008	8	Brown

SCISSOR PUNCH



Model	Specifications	Packing
Code	mm	Pcs/box
40691603	3	100
40691604	4	100
40692503	3	100
40692504	4	100

LAYFLAT PUNCH



Model	Specifications	Packing
Code	mm	Pcs/box
40040013	13	100
40040018	18	100

PUNCH



Model	Specifications	Packing
Code	mm	Color
30680002	2	Grey
30680003	3	Green
30680004	4	Blue
30680006	6	Red
30680008	8	Brown
30680010	10	Yellow

EX-P PUNCH WITH EXTRACTOR



Model	Specifications	Packing
Code	mm	Pcs/box
40698004	4	
40698006	6	
40698008	8	
40698010	10	

INSERTION TOOL



Model	Specifications	Packing
Code	mm	Pcs/box
40660704	3	100A

For inserting connectors to $\Phi 7$ pipes

MULTI-FUNCTIONAL TOOL



Model	Specifications	Packing
Code	mm	Pcs/box
40650000		100

Punch 3mm & 4mm / Cutter - up to 20mm / Inserter





VALVE BOXES

PP VALVE BOX CYLINDRICAL



Model	Specifications	Packing
Code	inch	Pcs/box
32120006	6"	600
32120010	10"	120

Also available with gray cover - upon request | Easily stackable for minimizing storage space & transport expenses

PP VALVE BOX RECTANGULAR



Model	Specifications	Packing
Code	inch	Pcs/box
32120012	12"	60
32120014	14" Jumbo	40

Also available with gray cover - upon request | The cap of the Rectangular Boxes may accommodate lock for extra security

SWIVEL FITTINGS

VALVE QUICK COUPLING



Model	Specifications	Packing
Code	inch	Pcs/box
40140002	3/4"	60A
40140003	1"	60A

VALVE KEY QUICK COUPLING



Model	Specifications	Packing
Code	inch	Pcs/box
40150002	3/4"	120A

MULTI RISER



Model	Specifications	Packing
Code	inch	Pcs/box
33030101	1/2"x1/2"	300A
33030102	1/2"x3/4"	250A

COLLECTEUR



Model	Specifications	Packing
Code	inch	Pcs/box
40080003	1"x1"x1"	250

Connection Female-Male



Model	Specifications	Packing
Code	inch	Pcs/box
32150202	3/4"x3/4"	1200H
32150303	1"x1"	600H

CONNECTION Female-Female



Model	Specifications	Packing
Code	inch	Pcs/box
32140303	1"x1"	400H

QUICK COUPLING Female



Model	Specifications	Packing
Code	inch	Pcs/box
32160216	3/4"x16	700H
32160220	3/4"x20	700H
32160325	1"x25	350H

INDENTED



Model	Specifications	Packing
Code	inch	Pcs/box
32130162	16x3/4"	1600H
32130202	20x3/4"	1400H

ELBOW COUPLING Female-Female



Model	Specifications	Packing
Code	inch	Pcs/box
32170303	1"x1"	300H

ELBOW COUPLING Male-Female



Model	Specifications	Packing
Code	inch	Pcs/box
32180303	1"x1"	400H



SWIVEL FITTINGS

TEE COUPLING MxMxF



Model	Specifications	Packing
Code	inch	Pcs/box
32210333	1"x1"x1"	300H

TEE COUPLING FxFxF



Model	Specifications	Packing
Code	inch	Pcs/box
32190333	1"x1"x1"	250H

MANIFOLD (PP)



Model	Specifications	Packing
Code	inch outlets	Pcs/box
32342033	1"x1" 2	60A
32343033	1"x1" 3	50E
32344033	1"x1" 4	30A

MANIFOLD (PP)



Model	Specifications	Packing
Code	inch outlets	Pcs/box
42252033	1"x1" 2	60
42253033	1"x1" 3	50
42254033	1"x1" 4	40

TEE COUPLING MxFxF



Model	Specifications	Packing
Code	inch	Pcs/box
32200333	1"x1"x1"	250H

CROSS MxFxFxF



Model	Specifications	Packing
Code	inch	Pcs/box
32223333	1"x1"x1"x1"	200H

CROSS FxFxFxF



Model	Specifications	Packing
Code	inch	Pcs/box
32233333	1"x1"x1"x1"	160H



GEOPAL PE 100 GREENHOUSE HEATING TUBE (Corrugated)



Model	External Diameter	Packing
code	mm	m / roll
35380025	25	100
35380028	28	100

TECHNICAL CHARACTERISTICS

Ext. dia	25 mm	28 mm
Nominal working pressure	2,5 Atm	2,5 Atm
Max. working temperature	70°C	70°C
Beneficial area (per meter)	0,11674 m ²	0,13447 m ²
Wall thickness	1,00 mm	1,00 mm
Packing (roll)	100 m	100 m
Weight	116 gr/m	123 gr/m
Color	Black	Black

GENERAL

Heating greenhouses with hot water through plastic spiral pipes placed above ground and near plant rows significantly surpass other common heating systems. Heating is diffused throughout the greenhouse via radiation warming the roots and the upper plant offering pre-maturing and production increase through winter of up to 50%.

CARACTERISTICS

GEOPAL pipe is manufactured from raw random polyethylene (PE-100) for implementation in greenhouse heating and hot water applications at low pressure networks. The "wave-like" configuration of the pipe offers larger thermal surface compared to other pipes of the same dimension, while it allows small bending curves.

GEOPAL pipe is very reliable in environments where there are thorny plants or insects that can penetrate pipes with thin walls, while presents resistance to the erosion and disformation from fertilizers, chemicals and the acidic soil composition

ADVANTAGES

Using **GEOPAL** pipe for greenhouse heating we succeed in :

- Adjusting the heat where it is needed.
- Increasing crop production during winter.
- Heating is achieved with low temperatures of water.
- Saving energy up to 50% compared to other heating methods.
- Pre-maturing of production.

INDICATIVE PLACEMENT OF GEOPAL PIPE



MALE CONNECTION



Model	Specifications	Packing
Code	mm x inch	box
36800252	25 x 3/4"	350H
36800282	28 x 3/4"	300H

QUICK COUPLING



Model	Specifications	Packing
Code	mm	box
36812525	25 x 25	250H
36812828	25 x 25	200H

SPACER FOR GEOPAL



Model	Specifications	Packing
Code	mm	box
36850028	28 x 28	900E

For uniformity of heat distribution and optimization of the system performance

GREENHOUSE CLIP



Model	Specifications	Packing
Code	inch x mm	box
31204181	1/2" x 15	400H
31190182	3/4" x 3,9	1600H
31204182	3/4" x 15	300H
31204183	1" x 15	200H

Recommended to use plastic hammer or hot water for easy and proper installation

TOMATO PLANT CLIP



Model	Specifications	Packing
Code		box
41140000		4000E

PEPPER CLIP



Model	Specifications	Packing
Code	mm	box
41130000		4500A

WEIGHT for MICROTUBE Ø6-Ø7



Model	Specifications	Packing
Code	weight	box
30520000	40 gr	500A

HOOK FOR PLANTS



Model	Specifications	Packing
Code	mm	box
13980000		500

WEIGHT with MICROTUBE Ø7 complete



Model	Specifications	Packing
Code	weight	box
30500015	15	350A
30500030	30	300A
30500040	40	200A
30500060	60	400H
30500100	100	

PAL MIST FOGGER



Model	Specifications	Packing
code	nozzle inlet (mm)	box
30331006	1x6.2lph Female-6	2000A
30331007	1x6.2lph Online indented-7	2000A
30334006	4x6.2lph Female-6	500A
30334007	4x6.2lph Online indented-7	500A
30335006	5x6.2lph Female-6	500E
30335007	5x6.2lph Online indented-7	500A
30330006	Spare nozzle Female-6	2000A

With check valve: Open at 1.7Atm | Close at 1.0Atm



DRIPPERS



DRIPPERS

DRIPPERS SELF-COMPENSATING

AGRAS SC/ND



Model	Specifications	Packing
code	lph	color
31950002	2	Purple
31950004	4	Grey
31950008	8	Blue
31950016	16	Red
31950024	24	Brown

Self-Compensating and self-cleaning dripper with No-Drain system.
Placed directly onto PE pipe 12 – 32 mm or at the end of pipe 6mm.
The outlet of the dripper can be connected with micro-tube dripper hose 3,2mm or distribution manifold.
Dripper operates when pressure is > 0,5 bar and seals when pressure is <0,3 bar.

MEDOUSA SC



Model	Specifications	Packing
code	lph	color
30390001	6x1	Orange
30390002	6x2	Grey

Multi Outlet - 6 Outlets for pipe 5mm | Placed directly onto PE pipe 16-32mm or at the end of pipe 6mm

AXIOS SC



Model	Specifications	Packing
code	lph	color
31090002	2	Purple
31090004	4	Grey
31090008	8	Blue
31090016	16	Red
31090024	24	Brown

Placed directly onto PE pipe 16-32mm or at end of 6mm pipe | Outlet connected with micro tube dripper hose 3,2mm or distribution manifold

NEDA SC



Model	Specifications	Packing
code	lph	color
30940248	0-14	Green

Self-Compensating dripper with discharge option 0-2-4-6-8-10-12-14 lt/h using the plug-selector.
Placed directly onto LDPE pipe 16-32mm or at the end of pipe 6mm.
The outlet of the dripper can be connected with micro-tube dripper hose 3,2mm, female nozzle 5mm x 5mm and distribution manifold

MICRO SC



Model	Specifications	Packing
code	lph	color
40870002	2	Brown
40870004	4	Black

Placed directly onto PE pipe 16-32 mm



ARDAS

Model	Specifications		Packing
code	lph	color	box
30910000	0-70	Red	5000A
30910007	0-70	Black	5000A
30910070	0-70	Yellow	5000A



0 – 14 lt/h drip irrigation | 14 – 70 lt/h umbrella irrigation
Placed directly onto PE pipe 12 – 32mm or at the end of pipe 6mm.

BUBBLER

Model	Specifications		Packing
code	lph	color	box
30980140	0-140	Purple	4000H



Placed directly onto PE pipe 12-32mm or at end of 6mm pipe

BUBBLER EMITTING SPIKE

Model	Specifications		Packing
code	lph	color	box
41960100	0-100	Black	1000



Direct connection with micro-tube 6mm | Snap fit 6mm is conducted | Spike length 13.5cm

STRIMON

Model	Specifications		Packing
code	lph	color	box
30910100	0-100	Green	4000H



Placed directly onto PE pipe 12-32 mm or at 6mm pipe end | 0-30lt/h drip irrigation | 30-100lt/h umbrella irrigation

EVROS

Model	Specifications		Packing
code	lph	color	box
30930150	0-150	Black	3500H



Placed directly onto PE pipe 12-32mm or at end of 6mm pipe

ARDAS EMITTING SPIKE

Model	Specifications		Packing
code	lph	color	box
31951070	0-70	Red	1500A
31952070	0-70	Black	1500A



Direct connection with micro-tube 6mm | Snap fit 6mm is conducted | Spike length 12.7cm



NESTOS



Model	Specifications	Packing
code	lph	color
30920002	2	Black
30920004	4	Green
30920006	6	Red
30920008	8	Brown
30920016	16	Purple
30920024	24	Blue
30920032	32	Grey

Placed directly onto PE pipe 12-32 mm or at 6mm pipe end
Outlet of the dripper can be connected with micro-tube 4mm

HYDRA



Model	Specifications	Packing
code	lph	color
30880002	2	Red
30880004	4	Green

Placed directly onto LDPE pipe 16 – 32 mm

LOUDIAS



Model	Specifications	Packing
code	lph	color
30900004	4	Green
30900006	6	Red
30900008	8	Blue

Placed directly onto PE pipe 12-32 mm or at 6mm pipe end

DRIPPER DIFFUSER



Model	Specifications	Packing
code		box
3090/0000		30000E

Suitable for the drippers "AXIOS" , "AGRAS" & "NESTOS"

IN-LINE DRIPPER



Model	Specifications	Packing
code	mm x lph	box
30891602	16mm x 2lt/h	1400H
30891604	16mm x 4lt/h	1400H



DRIPPER SPIKE 30°

Model	Specifications	Packing
code	lph color	box
31143015	2 Black	4000H
31143040	4 Brown	4000H



For microtube 5mm | Length of Spike 14cm

SUPPORT SPIKE 30° with disk

Model	Specifications	Packing
code	lph color	box
31230051	5 Blue	2000H



For microtube 5mm. Length of spike 14,3cm.

SNAP FIT

Model	Specifications	Packing
code		box
31270003		30000H



Snap fit with distribution manifold



Snap fit with dripper hose 3.2mm

For Distribution manifold & Dripper hose 3.2mm

SUPPORT SPIKE 30°

Model	Specifications	Packing
code	lph color	box
31130003	3 Green	4000H
31130004	4 Blue	4000H
31130005	5 Red	4000H



For spaghetti dripper hose 3,2mm & microtube 4&5mm. | Length of Spike 13,7cm

DISTRIBUTION MANIFOLD

Model	Specifications	Packing
code		box
31152005	2 Outlets	15000A
31154005	4 Outlets	10000A



Suitable for AXIOS & AGRAS dripper and microtube 5mm

FEMALE NOZZLE

Model	Specifications	Packing
code	mm	box
30570505	5 x 5 PVC	30000H



Connected to the outlet of AXIOS & AGRAS drippers and microtube 5mm

SPIKE SUPPORTING

Model	Specifications	Packing
code	mm	box
30640037	3-4-5-6-7	4000H



Spike length 14,7cm.





SPRINKLERS



SPRINKLERS



MICROSPRINKLERS

SPRAYER DELTA



Model	Specifications			Packing
code	lph	color	D(m)	box
30050120	120	Red	10.0	2000E
30050140	140	Pink	10.0	2000E
30050160	160	Brown	10.5	2000E
30050200	200	Yellow	11.0	2000E
30050250	250	White	11.0	2000E
30050300	300	Olive	11.5	2000E

SPRAYER 2000



Model	Specifications			Packing
code	lph	color	D(m)	box
30060120	120	Red	10.0	2000E
30060140	140	Pink	10.0	2000E
30060160	160	Brown	10.5	2000E
30060200	200	Yellow	11.0	2000E
30060250	250	White	11.0	2000E
30060300	300	Olive	11.5	2000E

PAL ROTATING SUPER SPRAYER



Model	Specifications			Packing
code	lph	color	D(m)	box
30030040	40	Orange	5.0	4000E
30030070	70	Black	7.0	4000E
30030090	90	Green	7.5	4000E
30030105	105	Blue	8.0	4000E
30030120	120	Red	8.0	4000E
30030140	140	Pink	8.5	4000E
30030160	160	Brown	8.5	4000E
30030200	200	Yellow	9.0	4000E
30030250	250	White	9.0	4000E
30030300	300	Olive	9.5	4000E

PAL ROTATING SPECIAL SPRAYER



Model	Specifications			Packing
code	lph	color	D(m)	box
30020070	70	Black	6.0	4000E
30020090	90	Green	6.0	4000E
30020105	105	Blue	6.0	4000E
30020120	120	Red	6.5	4000E
30020140	140	Pink	6.5	4000E
30020160	160	Brown	6.5	4000E
30020200	200	Yellow	7.0	4000E
30020250	250	White	7.0	4000E
30020300	300	Olive	7.0	4000E

PAL STABLE SPECIAL SPRAYER



Model	Specifications			Packing
code	lph	color	D(m)	box
30130040	40	Orange	2.5	4000E
30130070	70	Black	3.0	4000E
30130090	90	Green	3.5	4000E
30130105	105	Blue	4.0	4000E
30130120	120	Red	4.5	4000E
30130160	160	Brown	5.0	4000E
30130200	200	Yellow	5.0	4000E
30130250	250	White	5.0	4000E

PAL STABLE ANGLED SPRAYER

90° 180° 270°



Model	Specifications			Packing
code	lph	color	D(m)	box
Green Rotor 90°				
30230040	40	Orange	3.0	4000E
30230070	70	Black	3.5	4000E
30230090	90	Green	3.5	4000E
30230105	105	Blue	4.0	4000E
30230120	120	Red	4.0	4000E
Blue Rotor 180°				
30240090	90	Green	3.5	4000E
30240105	105	Blue	4.0	4000E
30240120	120	Red	4.0	4000E
Red Rotor 270°				
30250090	90	Green	3.5	4000E
30250105	105	Blue	4.0	4000E
30250120	120	Red	4.0	4000E

PAL ROTATING SUPER SPRAYER SET



Model	Specifications	Packing
code	D(m)	box
3031/****	Medium Spike	300H
3032/****	Large Spike	300H

Spike Φ8 (Black) + pipe PVC Φ7 + adaptor 6mm

Code Clarification:

The first four digits of the code (30XX/****) correspond to the particular set with medium or large spike.
The last four digits correspond to Discharge lt/h (30XX/XX**) and to the length of the microtube hose (30XX/**XX).
e.g. To order Pal Rotating Super Sprayer Set with large spike (3032/****) with microsprinkler 160lt/h (XXXX/16**) and microtube Φ7×1,20m (XXXX/**12), the code will be 3032/1612.

NOTE: The sets are not assembled.

PAL ROTATING SPECIAL SPRAYER SET



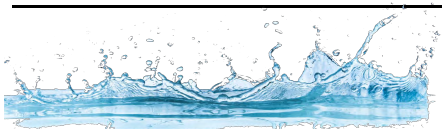
Model	Specifications	Packing
code	D(m)	box
3026/****	Medium Spike	300H
3027/****	Large Spike	300H

Spike Φ8 (Black) + pipe PVC Φ7 + adaptor 6mm

Code Clarification:

The first four digits of the code (30XX/****) correspond to the particular set with medium or large spike.
The last four digits correspond to Discharge lt/h (30XX/XX**) and to the length of the microtube hose (30XX/**XX).
e.g. To order Pal Rotating Special Sprayer Set with large spike (3027/****) with microsprinkler 160lt/h (XXXX/16**) and microtube Φ7×1,20m (XXXX/**12), the code will be 3027/1612.

NOTE: The sets are not assembled.





MICROSPRINKLERS

SPECIAL SPRAYER MUSHROOM



Model	Specifications			Packing
	code	lph	color	
30110160	160	Brown	5.0	2000E
30110200	200	Yellow	5.0	2000E
30110250	250	White	5.0	2000E
30110300	300	Olive	5.0	2000E

SUPER SPRAYER



Model	Specifications			Packing
	code	lph	color	
30160160	160	Brown	5.0	2000E
30160200	200	Yellow	5.0	2000E
30160250	250	White	5.0	2000E
30160300	300	Olive	5.0	2000E

MIST ATOMIZER



Model	Specifications			Packing
	code	lph	color	
30140040	40	Orange		4000E
30140070	70	Black		4000E
30140090	90	Green		4000E
30140105	105	Blue		4000E
30140120	120	Red		4000E

PAL MINI SPRAYER 180°



Model	Specifications			Packing
	code	lph	color	
30170040	40	Orange	2.5	30000H
30170060	60	Grey	2.5	30000H
30170090	90	Green	2.5	30000H
30170120	120	Red	2.5	30000H
30170160	160	Brown	2.5	30000H

MIST FOGGER



Model	Specifications			Packing
	code	nozzle	Inlet (mm)	
30331006	1x6.2lph	Female-6	2000A	
30331007	1x6.2lph	Online indented-7	2000A	
30334006	4x6.2lph	Female-6	500A	
30334007	4x6.2lph	Online indented-7	500A	
30335006	5x6.2lph	Female-6	500E	
30335007	5x6.2lph	Online indented-7	500A	
30330006	Spare nozzle	Female-6	2000A	

With check valve:
Open at 1.7Atm | Close at 1.0Atm

PAL MINI SPRAYER 360°



Model	Specifications			Packing
	code	lph	color	
30180040	40	Orange	2.5	30000H
30180060	60	Grey	2.5	30000H
30180090	90	Green	2.5	30000H
30180120	120	Red	2.5	30000H
30180160	160	Brown	2.5	30000H

PAL-VARI JET



Model	Irrigated area	Flow lph	Radius (m)	Packing
40001360	360°	0-115	2,4-3,6	4000
40000180	180°	0-115	1,9-3,4	4000
40000090	90°	0-115	1,5-3,3	4000

Micro-sprinklers with mini valve.
Application: directly onto LDPE pipe 16-32mm or at the end of pipe 5mm.
Inlet: Threaded 10-32 UNF





MICROSPRINKLERS

OMEGA-S JET

Model	Specifications			Packing
code	lph	color	D(m)	box
32266070	70	Black	8.0	800E
32266090	90	Green	8.5	800E
32266105	105	Blue	9.0	800E
32266120	120	Red	9.5	800E
32266140	140	Pink	9.5	800E
32266160	160	Brown	10.0	800E
32266200	200	Yellow	10.5	800E
32266250	250	White	11.0	800E
32266300	300	Olive	11.5	800E



Connection: female 6mm | From 70 lt/h up to 160 lt/h Rotor color : Brown | From 200lt/h up to 300lt/h | Rotor color: Black

OMEGA-RS JET

Model	Specifications			Packing
code	lph	color	D(m)	box
32276070	70	Black	6.0	800E
32276090	90	Green	6.5	800E
32276105	105	Blue	6.5	800E
32276120	120	Red	7.0	800E
32276140	140	Pink	7.0	800E
32276160	160	Brown	7.5	800E
32276200	200	Yellow	7.5	800E
32276250	250	White	7.5	800E
32276300	300	Olive	8.0	800E



Connection: female 6mm | Rotor color : Grey | Reverse mounting. Specially designed to maintain the anti-ant feature in the inverted position.

SILICON SPRINKLERS OMEGA-SL JET

Model	Specifications			Packing
code	lph	color	D(m)	box
32241200	200	Yellow	15.0	1000E
32241250	250	White	15.0	1000E
32241300	300	Olive	15.0	1000E



Silicon Sprinkler with large radius,slow rotation | Male thread 3/8" | Rotor Black 19° | Pressure range 1.5 - 4.0bar Recommended Spacing 7mx7m,8mx8m,9mx7m Sprinkler can be mounted on safety female base 3/8", with micro-tube PVC 12mm & safety nozzle 8x12

OMEGA-CS JET

Model	Specifications			Packing
code	lph	color	D(m)	box
32256070	70	Black	2,2-8,0	800E
32256090	90	Green	2,4-8,5	800E
32256105	105	Blue	2,6-9,0	800E
32256120	120	Red	2,8-9,5	800E
32256140	140	Pink	2,9-9,5	800E
32256160	160	Brown	3,0-10,0	800E
32256200	200	Yellow	3,5-10,5	800E
32256250	250	White	3,8-11,0	800E
32256300	300	Olive	4,0-11,5	800E



Special Rotor design for increasing irrigation radius when required | Female 6mm | From 70lt/h up to 160lt/h Rotor color : Blue | From 200lt/h up to 300lt/h Rotor: Green

OMEGA JET

Model	Specifications			Packing
code	lph	color	D(m)	box
32260200	200	Yellow	10,5	1000E
32260250	250	White	11,0	1000E
32260300	300	Olive	11,5	1000E
32260400	400	Light Green	12,5	1000E
32260500	500	Purple	13,0	1000E



Male thread 3/8" | Rotor color: Black

OMEGA-C JET

Model	Specifications			Packing
code	lph	color	D(m)	box
32250200	200	Yellow	3.5-10.5	1000E
32250250	250	White	3.8-11.0	1000E
32250300	300	Olive	4.0-11.5	1000E
32250400	400	Light Green	4.5-12.5	1000E
32250500	500	Purple	4.8-13.0	1000E



Special Rotor design for increasing irrigation radius when required | Male threaded 3/8" | Rotor color : Green

OMEGA ROAD GUARD

Model	Specifications	Packing
code		box
31240060	Degrees 60°	12500H



Reduces the irrigation circle by 60° | Easy to install to any type of Omega sprinkler





IMPACT SPRINKLERS

ORFEAS

Model	Specifications			Packing
code	nozzle	lph	D(m)	box
34400330	1-Black	240-330	20-21	300H
34400480	2-Green	420-620	21,5-22	300H
34400740	3-Blue	760-1000	22-24	300H



Sprinkler 1/2" with 1 nozzle. Adjustable arc & radius.
Working Pressure 1,5 - 3,0 Atm

1/2"

AKTOR

Model	Specifications			Packing
code	nozzle	lph	D(m)	box
34410200	1-Purple	180-265	19,5-20	400H
34410330	2-Black	240-330	20-21	400H
34410480	3-Green	420-620	21,5-22	400H
34410740	4-Blue	760-1000	22-24	400H



Sprinkler 1/2" with 1 nozzle. Full circle & adjustable radius. Working Pressure 1,5 - 3,0 Atm

1/2"

MINOAS

Model	Specifications			Packing
code	nozzle	lph	D(m)	box
34421220	1-Purple	390-580	19,5-20	450H
34421570	2-Black	520-690	20-21	450H
34421720	3-Green	670-910	21,5-22	450H



Sprinkler 1/2" with 2 nozzles. Full circle.
Working Pressure 1,5 - 3,0 Atm

1/2"

DEADALUS

Model	Specifications			Packing
code	nozzle	lph	D(m)	box
44173570	1-Grey	0,92-1,44	26-29	50
44173720	2-Yellow	1,10-1,70	28-31	50
44173020	3-Black	1,68-2,65	23-33	50



Sprinkler 3/4" with 2 nozzles | Full circle
Working pressure 1.5-4.5Atm

3/4"

APOLLON SUPER

Model	Specifications			Packing
code	nozzle	lph	D(m)	box
34180330	1-Black	240-330	20-23	250H
34180480	2-Green	420-620	21,5-23	250H
34180740	3-Blue	760-1000	20-23	250H
34181075	4-Red	1100-1580	18-22	250H



Sprinkler 1/2" with 1 nozzle. Adjustable arc & radius.
Working Pressure 1,5 - 3,0 Atm

1/2"

PEGASUS SUPER

Model	Specifications			Packing
code	nozzle	lph	D(m)	box
34190330	1-Black	240-330	20-23	300H
34190480	2-Green	420-620	21,5-23	300H
34190740	3-Blue	760-1000	20-23	300H
34191075	4-Red	1100-1580	18-22	300H



Sprinkler 1/2" with 1 nozzle. Adjustable arc & radius.
Working Pressure 1,5 - 3,0 Atm

1/2"

IKAROS SUPER

Model	Specifications			Packing
code	nozzle	lph	D(m)	box
34201570	1-Black	520-690	20-23	300H
34201720	2-Green	670-910	21,5-23	300H
34201020	3-Blue	930-1350	20-23	300H



Sprinkler 1/2" with 2 nozzles. Full circle.
Working Pressure 1,5 - 3,0 Atm

1/2"

NOZZLES FOR SPRINKLERS 1/2"

Model	Specifications	Packing
code	nozzle	box
34430020	2,0-ST Purple	7500A
34430023	2,3-ST Black	7500A
34430030	3,0-ST Green	7500A
34430040	4,0-ST Blue	7500A
34430050	5,0-ST Red	7500A




Compatible only with 1/2" impact sprinklers code: 3440, 3418, 3441, 3419, 3442 & 3420

1/2"




IMPACT SPRINKLERS

ERMIS	Model		Specifications		Packing
	code	nozzle	lph	D(m)	box
	34040045	1-Black	0,95-1,50	23-28	50E
	34040055	2-Green	1,40-2,30	24-29	50E
	34040065	3-Blue	2,00-3,15	26-32	50E
	34040080	4-Red	2,50-3,98	25-28	50E


Sprinkler 1" with 1 nozzles | Adjustable arc
Working pressure 2.0 - 5.0 Atm

1"

ATLAS	Model		Specifications		Packing
	code	nozzle	lph	D(m)	box
	34020045	1-Black	0,86-1,56	25-30	50E
	34020055	2-Green	1,39-2,66	26-32	50E
	34020065	3-Blue	1,51-2,81	28-34	50E
	34020080	4-Red	2,30-4,25	26-30	50E


Sprinkler 1" with 2 nozzles | Full circle
Working pressure 1.5 - 5.0Atm

1"

CRONOS	Model		Specifications		Packing
	code	nozzle	lph	D(m)	box
	34050045	1-Black	0,86-1,56	23-28	50E
	34050055	2-Green	1,39-2,66	24-29	50E
	34050065	3-Blue	1,51-2,81	26-32	50E
	34050080	4-Red	2,30-4,25	25-28	50E

Sprinkler 1" with 2 nozzles (Full circle)
Working pressure 1.5-5.0Atm

1"

TITAN	Model		Specifications		Packing
	code	nozzle	lph	D(m)	box
	34012545	1-Black	0,86-1,56	23-28	50E
	34014055	2-Green	1,39-2,66	24-29	50E
	34014065	3-Blue	1,51-2,81	26-32	50E
	34014080	4-Red	2,30-4,25	25-28	50E

Sprinkler 1" with 2 nozzles | Full circle
Working pressure 1.5 - 5.0Atm

1"

NOZZLES FOR SPRINKLERS



Model	Specifications	Packing
code	nozzle	box
34030045	1-S Black	1700A
34030055	2-S Green	1700A
34030065	3-S Blue	1700A
34030080	4-S Red	1700A



GR-1938

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR1938	5+1	11,6-44,1	40-75
Material	Connection	Circle	Pressure (bar)
Aluminum, Brass	2" F	Full	2-6
St.steel, Plastic		Adjustable	



Product Weight 4.30 kg | Product Length 580.00 mm
Product Width 180.00 mm | Product Height 400.00 mm

GR-2001 SUPER

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR2001	4+1	4,72-18,40	38-60
Material	Connection	Circle	Pressure (bar)
Aluminum, Brass	1 1/2" F	Full	2,5-4,5
St.steel, Plastic	1" F	Adjustable	



Product Weight 1.40 kg | Product Length 320.00 mm
Product Width 85.00 mm | Product Height 275.00 mm

GR-471

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR471	3+1	1,19-2,96	28-38
Material	Connection	Circle	Pressure (bar)
Brass, Zamak	1" F	Full	2-5
St.steel, Plastic	1-nozzle	Adjustable	



Product Weight 0.90 kg | Product Length 200.00 mm
Product Width 100.00 mm | Product Height 200.00 mm

GR-380

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR380	5+1	2,28-7,77	27-42
Material	Connection	Circle	Pressure (bar)
Brass, Zamak	1" F	Full	2-5
St.steel, Plastic	2-nozzles	Adjustable	



Product Weight 0.60 kg | Product Length 170.00 mm
Product Width 42.00 mm | Product Height 190.00 mm

GR-472G

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR472	3+1	0,72-2,12	23-31
Material	Connection	Circle	Pressure (bar)
Brass, Zamak	1/2", 3/4"	Full	1,5-3,5
St.steel, Plastic	& 1" F	Adjustable	



Product Weight 0.40 kg | Product Length 120.00 mm
Product Width 65.00 mm | Product Height 135.00 mm

GR-323

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR323	5+1	1,0-1,8	18-28
Material	Connection	Circle	Pressure (bar)
Brass, Zamak	3/4" F	Full	1-3
St.steel, Plastic	2-nozzles		



Product Weight 0.29 kg

GR-343

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR343	5+1	4,91-25,82	37-69
Material	Connection	Circle	Pressure (bar)
Aluminum, Brass	1 1/2" F	Full	2-6
St.steel, Plastic		Adjustable	



Product Weight 1.70 kg | Product Length 460.00 mm
Product Width 70.00 mm | Product Height 280.00 mm

GR-2001R

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR2001R	4+1	4,72-18,4	38-60
Material	Connection	Circle	Pressure (bar)
Aluminum, Brass	1 1/2" F	Full	2,5-4,5
St.steel, Plastic	1" F	Adjustable	



Product Weight 1.40 kg | Product Length 320.00 mm
Product Width 85.00 mm | Product Height 275.00 mm

GR-340

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR340	4+1	2,69-7,77	30-46
Material	Connection	Circle	Pressure (bar)
Plastic	1" F	Full	2-5
	2-nozzles	Adjustable	



Product Weight 0.20 kg | Product Length 190.00 mm
Product Width 40.00 mm | Product Height 190.00 mm

GR-342

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR342	3+1	1,19-2,96	28-38
Material	Connection	Circle	Pressure (bar)
Brass, Zamak	1" F	Full	2-5
St.steel, Plastic		Adjustable	



Product Weight 0.60 kg | Product Length 210.00 mm
Product Width 45.00 mm | Product Height 160.00 mm

GR-321

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR321	5+1	1,37-2,05	27-31,5
Material	Connection	Circle	Pressure (bar)
Brass, Zamak	3/4" M	Full	2-4
St.steel, Plastic			



Product Weight 0.223 kg

GR-350

Model	Nozzle	Flow	Coverage
code	mm	m ³ /h	D(m)
1014GR350	2+1	1,17-2,35	23-32
Material	Connection	Circle	Pressure (bar)
Brass, Zamak	3/4" F	Full	1,5-4,5
St.steel, Plastic	1" F		



Product Weight 0.320 kg

STAND (male-male)

Model	Specifications	Packing
code	inch	box
15cm		
33061511	1/2"x1/2"	350A
33061522	3/4"x3/4"	250A
33061533	1"x1"	180E
30cm		
33063011	1/2"x1/2"	400H
33063022	3/4"x3/4"	300H
33063033	1"x1"	130H
50cm		
33065021	3/4"x1/2"	180H
33065022	3/4"x3/4"	150H
33065033	1"x1"	100H



STAND (male-female)

Model	Specifications	Packing
code	nozzle	box
15cm		
33051511	1/2"x1/2"	350A
33051521	3/4"x1/2"	250A
33051522	3/4"x3/4"	200A
33051531	1"x1/2"	200E
33051532	1"x3/4"	200E
30cm		
33053011	1/2"x1/2"	300H
33053021	3/4"x1/2"	200H
33053022	3/4"x3/4"	170H
33053031	1"x1/2"	150H
33053032	1"x3/4"	180H



PVC STAND (male-male)

Model	Specifications	Packing
code	inch	box
60cm		
33076011	1/2"x1/2"	150E
33076022	3/4"x3/4"	100E
33076033	1"x1"	25P
80cm		
33078011	1/2"x1/2"	30V
33078022	3/4"x3/4"	30V
33078033	1"x1"	25P
100cm		
33071011	1/2"x1/2"	30S
33071022	3/4"x3/4"	30S
33071033	1"x1"	25T
120cm		
33071222	3/4"x3/4"	30
33071233	1"x1"	25
150cm		
33071522	3/4"x3/4"	30
33071533	1"x1"	25



SPIKE FOR SPRINKLERS 1/2"

Model	Specifications	Packing
code	nozzle	box
34140001	1/2" quick lock	350H
34150021	1/2"x3/4" thread	350H
34160161	1/2"x16mm connection	250H
34160201	1/2"x20mm connection	250H



For sprinkler 1/2" | Spike length 19.5cm





U-PVC



PIPES-FITTINGS

PVC PIPES | VALVES | SOLVENT
CEMENT PVC FITTINGS | THREADED
PVC FITTINGS | FITTINGS | SLEEVE
SOCKET FITTINGS | ADAPTOR FITTINGS



EN ISO 1452	7130	7130	7130
	6 ATM	10 ATM	16 ATM
	code	code	code
63	71306306	71306310	71306316
75	71307506	71307510	71307516
90	71309006	71309010	71309016
110	71301106	71301110	71301116
125	71301256	71301210	71301216
140	71301406	71301410	71301416
160	71301606	71301610	71301616
200	71302006	71302010	71302016
225	71302256	71302210	71302216
250	71302506	71302510	71302516
280	71302806	71302810	71302816
315	71303156	71303110	71303116

Prices of PVC pipes DO NOT include seal ring

PALADUR 16 Atm PVC Pressure Pipe (4m rod)



Model	Specifications
code	mm
52701632	32
52701640	40
52701650	50
52701663	63

SEAL RING (for Sleeve Sockets and PVC pipes)



Model	Specifications	Packing
code	lph	box
70040063	63	500
70040075	75	600
70040090	90	500
70040110	110	350
70040125	125	250
70040140	140	200
70040160	160	150
70040200	200	120
70040225	225	80
70040250	250	60
70040280	280	
70040315	315	



BALL VALVE SOLVENT GLUING



Model	Specifications	Packing
code	mm atm	box
70512020	20 16	50
70512525	25 16	30
70513232	32 16	50A
70514040	40 16	30A
50515050	50 16	24A
50516363	63 16	15E
50517575	75 10	10E
50519090	90 10	10E
70511111	110 10	2A

BALL VALVE THREADED FEMALE Single Union



Model	Specifications	Packing
code	inch atm	box
70550001	1/2" 16	60
70550002	3/4" 16	40
70550003	1" 16	60A
70550004	1 1/4" 16	30A
50550005	1 1/2" 16	32A
50550006	2" 16	15A
70550007	2 1/2" 10	4A
70550008	3" 10	4A
70550009	4" 10	2A

AIR RELEASE VALVE



Model	Specifications	Packing
code	inch atm	box
Double Acting (automatic)		
32772002	3/4" 16	55A
32772003	1" 16	55A
70170106	2" 16	8
Simple Acting (Kinetic)		
70170006	2" 16	8

NON RETURNABLE VALVE SOLVENT GLUING



Model	Specifications	Packing
code	mm atm	box
50165000	50 16	24A
50166300	63 16	12A
70167500	75 10	3A
70169000	90 10	3A
70161100	110 10	2A

NON RETURNABLE VALVE THREADED



Model	Specifications	Packing
code	inch atm	box
50150005	1 1/2" 16	24A
50150006	2" 16	12A
70150007	2 1/2" 10	3A
70150008	3" 10	3A
70150009	4" 10	2A

BALL VALVE THREADED FEMALE



Model	Specifications	Packing
code	inch atm	box
70540101	1/2"x1/2"	16 50
70540202	3/4"x3/4"	16 30
70540303	1"x1"	16 50A
70540404	1 1/4"x1 1/4"	16 30A
50540505	1 1/2"x1 1/2"	16 24A
50540606	2"x2"	16 15E
50540707	2 1/2"x2 1/2"	10 10E
50540808	3"x3"	10 10E
70540909	4"x4"	10 2A

BUTTERFLY VALVE - EPDM seals (Loose Flange connection)



Model	Specifications	Packing
code	mm atm	box
70520630	63 10	4
70520750	75 10	4
70520900	90 10	4
70521100	110 10	4
70521250	125 10	4
70521400	140 10	4
70521600	160 10	4
70522250	200-225 6	1
70522500	250 6	1
70523150	315 6	1

Prices DO NOT include Loose Flange (5106-7106) and Stub Flange (5107-7107)

WATER CHECK VALVE (connection with loose flange)



Model	Specifications	Packing
code	mm atm	box
70217500	75 10	
70219000	90 10	
70211100	110 10	
70211250	125 10	
70211400	140 10	
70211600	160 6	
70212000	200 6	
70212250	225 6	

Prices include Loose Flange (5106-7106) & Stub Flange (5107-7107)

FLAP CHECK VALVE



Model	Specifications	Packing
code	inch atm	box
70180007	2 1/2" 8	1
70180008	3" 8	1
70180009	4" 8	1

FOOT VALVE



Model	Specifications	Packing
code	inch atm	box
70190007	2 1/2" 10	1
70190008	3" 10	1
70190009	4" 10	1



SOLVENT CEMENT JOINTED FITTINGS

ELBOW 90° SOLVENT GLUING



Model	Specifications		Packing
	code	mm	atm
50710020	20	16	780E
50710025	25	16	400A
50710032	32	16	200A
50710040	40	16	120A
50710050	50	16	85E
50710063	63	16	50E
50710075	75	16	30E
50710090	90	16	20E
50710110	110	16	15H
50710125	125	16	12H
70710140	140	16	6H
50710160	160	16	3E
70710200	200	10	2H
70710225	225	10	2
70710250	250	10	1H
70710280	280	10	1
70710315	315	10	1

ELBOW 45° SOLVENT GLUING



Model	Specifications		Packing
	code	mm	atm
70720020	20	16	300
70720025	25	16	400A
70720032	32	16	200A
70720040	40	16	150A
50720050	50	16	100A
50720063	63	16	60E
50720075	75	16	32E
50720090	90	16	30H
50720110	110	16	12E
70720125	125	16	12H
70720140	140	16	6H
70720160	160	16	5H
70720200	200	10	2H
70720225	225	10	1H
70720250	250	10	1H
70720280	280	10	1H
70720315	315	10	1

REDUCING TEE 90° SOLVENT GLUING



Model	Specifications		Packing
	code	mm	atm
70622520	25x20x25		250A
70624020	40x20x40		70A
70624025	40x25x40		70A
70624032	40x32x40		70A
70625025	50x25x50		90H
70625032	50x32x50		90H
50626332	63x32x63		33E
70626340	63x40x63		50H
50626350	63x50x63		33E
50627563	75x63x75		24E
70629050	90x50x90		20H
50629063	90x63x90		15E
50629075	90x75x90		15E
50621163	110x63x110		11H
50621175	110x75x110		11H
50621190	110x90x110		11H
70621275	125x75x125		8H
70621290	125x90x125		8H
50621211	125x110x125		8H
70621611	160x110x160		3H
70621612	160x125x160		3H
70621614	160x140x160		3H

PN 16 Atm

BEND 90° SOLVENT GLUING

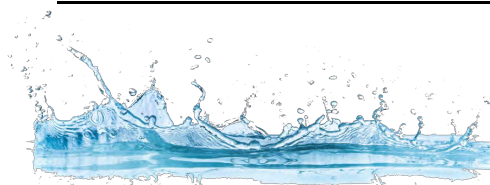


Model	Specifications		Packing
	code	mm	atm
70770050	50	16	50H
70770063	63	16	25H
70770075	75	16	15H
70770090	90	16	8H
70770110	110	16	5H

TEE 90° SOLVENT GLUING



Model	Specifications		Packing
	code	mm	atm
50610020	20	16	420E
50610025	25	16	300E
50610032	32	16	140A
50610040	40	16	80A
50610050	50	16	67E
50610063	63	16	33E
50610075	75	16	24E
50610090	90	16	15E
50610110	110	16	11H
50610125	125	16	8H
50610140	140	16	5H
50610160	160	16	2E
70610200	200	10	2
70610225	225	10	1H
70610250	250	10	1H
70610280	280	10	1
70610315	315	10	1



SOLVENT CEMENT JOINTED FITTINGS

REDUCER SOLVENT GLUING



Model	Specifications			Packing
	code	mm	atm	box
70910201	20x16	16	500	
50912520	25x20	16	2100E	
50913220	32x20	16	1200E	
50913225	32x25	16	1200E	
50914032	40x32	16	700A	
50915025	50x25	16	400A	
50915032	50x32	16	400A	
50915040	50x40	16	400A	
50916332	63x32	16	200A	
50916340	63x40	16	200A	
50916350	63x50	16	200A	
70917550	75x50	16	100A	
50917563	75x63	16	120A	
70919050	90x50	16	100H	
50919063	90x63	16	72A	
50919075	90x75	16	72A	
50911107	110x75	16	55E	
50911109	110x90	16	55E	
50911259	125x90	16	40E	
50911211	125x110	16	40E	
50911411	140x110	16	36H	
50911412	140x125	16	36H	
50911611	160x110	16	15E	
50911612	160x125	16	15A	
50911614	160x140	16	17E	
70912016	200x160	10	10H	
70912216	225x160	10	6H	
70912225	225x200	10	7H	
70910516	250x160	10	6H	
70910502	250x200	10	6H	
70910522	250x225	10	6H	
70912822	280x225	10	4H	
70912805	280x250	10	5H	
70913122	315x225	10	3	
70913105	315x250	10	2H	
70913128	315x280	10	2H	

REDUCING SOCKET SOLVENT GLUING



Model	Specifications			Packing
	code	mm	atm	box
50826350	63x50	16	110E	
50827563	75x63	16	48E	
50829063	90x63	16	54E	
50829075	90x75	16	54H	
50821190	110x90	16	42H	
50821211	125x110	16	20H	

CAP FEMALE SOLVENT GLUING



Model	Specifications			Packing
	code	mm	atm	box
51210020	20	16	1800E	
51210025	25	16	900E	
51210032	32	16	600A	
51210040	40	16	350A	
51210050	50	16	200A	
51210063	63	16	100A	
51210075	75	16	75E	
51210090	90	16	60H	
51210110	110	16	33E	
51210125	125	16	20E	
51210140	140	16	18E	
51210160	160	16	16H	
71210200	200	10	6H	

SOCKET SOLVENT GLUING



Model	Specifications			Packing
	code	mm	atm	box
50810020	20	16	1200E	
50810025	25	16	600E	
50810032	32	16	400A	
50810040	40	16	200A	
50810050	50	16	116A	
50810063	63	16	80E	
50810075	75	16	48E	
50810090	90	16	35E	
50810110	110	16	30H	
50810125	125	16	20H	
50810140	140	16	12H	
50810160	160	16	6E	
70810200	200	10	3H	
70810225	225	10	2H	
70810250	250	10	2H	
70810280	280	10	2	
70810315	315	10	1	

UNION SOLVENT GLUING



Model	Specifications			Packing
	code	mm	atm	box
70960020	20	16	150	
70960025	25	16	200A	
70960032	32	16	120A	
70960040	40	16	80A	
50960050	50	16	70E	
50960063	63	16	48E	
50960075	75	16	25E	
50960090	90	16	22H	
70960110	110	16	12H	

LOOSE FLANGE



Model	Specifications		Packing
code	mm	atm	box
71060020	20	16	300A
71060025	25	16	150A
71060032	32	16	150A
71060040	40	16	60
71060050	50	16	65
51060063	63	16	60A
51060075	75	16	60E
51060090	90	16	37A
51060110	110	16	40E
51060125	125	16	35E
51060140	140	16	20A
51060160	160	16	14A
71060200	200	10	10H
71060225	225	10	10H
71060250	250	10	8H
71060280	280	10	6H
71060315	315	10	1

RUBBER GASKET FOR FLANGE



Model	Specifications	Packing
code	mm	box
71090063	63	
71090075	75	
71090090	90	
71090110	110	
71090125	125	
71090140	140	
71090160	160	
71090200	200	
71090225	225	
71090250	250	

TANK FLANGE for concrete pools



Model	Specifications	Packing	
code	mm	atm	box
51116363	63x63	16	60H
51110663	2"x63	16	60H

CAP MALE SOLVENT GLUING



Model	Specifications	Packing	
code	mm	atm	box
51200032	32	16	1080E

MANIFOLD SOLVENT GLUING



Model	Specifications	Female	
code	mm	atm	Outlets
71406350	50	16	3-50mm
71406363	63	16	3-63mm

PRIMER



Model	Specifications	Packing
code	cc	box
70140250	250	24

CROSS SOLVENT GLUING



Model	Specifications	Packing	
code	mm	atm	box
71160025	25	16	80
71160032	32	16	100A
71160040	40	16	60A
71160050	50	16	35A
51160063	63	16	20A
51160075	75	16	18H
51160090	90	16	10E
71160110	110	16	7H

STUB SERRATED SOLVENT GLUING



Model	Specifications	Packing	
code	mm	atm	box
71070020	20	16	1100A
71070025	25	16	700A
71070032	32	16	200
71070040	40	16	200A
51070050	50	16	200A
51070063	63	16	100E
51070075	75	16	72E
51070090	90	16	75H
51070110	110	16	33E
51070125	125	16	16A
51070140	140	16	14E
51070160	160	16	12E
71070200	200	10	7H
71070225	225	10	6H
71070250	250	10	4H
71070280	280	10	2H
71070315	315	10	1

PIPE CLIP



Model	Specifications	Packing	
code	mm	atm	box
71250020	20	10	1100A
71250025	25	10	900A
71250032	32	10	600A
71250040	40	10	370A
71250050	50	10	240A
71250063	63	10	280H
71250075	75	10	240H
71250090	90	10	100H
71250110	110	10	100H

Sizes from 40mm up to 110mm are provided with Safety Lock

PVC GLUE (GRAY)



Model	Specifications	Packing
code	cc	box
70152500	250	24
70155000	500	12

PVC GLUE (TRANSPARENT)



Model	Specifications	Packing
code	cc	box
70152501	250	24
70155001	500	12

SOCKET THREADED



Model	Specifications	Packing
code	inch	atm
70840101	1/2"x1/2"	16
70840202	3/4"x3/4"	16
70840303	1"x1"	16
70840404	1 1/4"x1 1/4"	16
50840505	1 1/2"x1 1/2"	16
50840606	2"x2"	16
50840707	2 1/2"x2 1/2"	16
50840808	3"x3"	16
50840909	4"x4"	16

ELBOW 90° THREADED



Model	Specifications	Packing
code	inch	atm
70730101	1/2"x1/2"	16
70730202	3/4"x3/4"	16
70730303	1"x1"	16
70730404	1 1/4"x1 1/4"	16
70730505	1 1/2"x1 1/2"	16
50730606	2"x2"	16
50730707	2 1/2"x2 1/2"	16
50730808	3"x3"	16
50730909	4"x4"	16

ELBOW 45° THREADED



Model	Specifications	Packing
code	inch	atm
70740101	1/2"x1/2"	16
70740202	3/4"x3/4"	16
70740303	1"x1"	16
70740404	1 1/4"x1 1/4"	16
70740505	1 1/2"x1 1/2"	16
70740606	2"x2"	16
70740707	2 1/2"x2 1/2"	16
70740808	3"x3"	16
70740909	4"x4"	16

TEE 90° THREADED



Model	Specifications	Packing
code	inch	atm
70650101	1/2"	16
70650202	3/4"	16
70650303	1"	16
70650404	1 1/4"	16
70650505	1 1/2"	16
50650606	2"	16
50650707	2 1/2"	16
50650808	3"	16
50650909	4"	16

NIPPLE



Model	Specifications	Packing
code	inch	atm
70280101	1/2"x1/2"	16
70280202	3/4"x3/4"	16
70280303	1"x1"	16
70280404	1 1/4"x1 1/4"	16
50280505	1 1/2"x1 1/2"	16
50280606	2"x2"	16
50280707	2 1/2"x2 1/2"	16
50280808	3"x3"	16
50280909	4"x4"	16

REDUCING NIPPLE



Model	Specifications	Packing
code	inch	atm
70290201	3/4"x1/2"	16
70290302	1"x3/4"	16
70290403	1 1/4"x1"	16
50290504	1 1/2"x1 1/4"	16
50290605	2"x1 1/2"	16
50290706	2 1/2"x2"	16
70290806	3"x2"	16
50290807	3"x2 1/2"	16
50290908	4"x3"	16

REDUCER (MALE-FEMALE)



Model	Specifications	Packing
code	male-female	atm
70300201	3/4"x1/2"	16
70300302	1"x3/4"	16
70300403	1 1/4"x1"	16
50300504	1 1/2"x1 1/4"	16
50300605	2"x1 1/2"	16
50300706	2 1/2"x2"	16
50300807	3"x2 1/2"	16
50300908	4"x3"	16

CAP FEMALE THREADED



Model	Specifications	Packing
code	inch	atm
71200001	1/2"	16
71200002	3/4"	16
71200003	1"	16
71200004	1 1/4"	16
71200005	1 1/2"	16
51201006	2"	16
51201007	2 1/2"	16
51201008	3"	16
51201009	4"	16

THREADED FITTINGS

UNION THREADED (F-F)



Model	Specifications	Packing
code	inch	atm
70980101	1/2"x1/2"	16
70980202	3/4"x3/4"	16
70980303	1"x1"	16
70980404	1 1/4"x1 1/4"	16
50980505	1 1/2"x1 1/2"	16
50980606	2"x2"	16
50980707	2 1/2"x2 1/2"	16
50980808	3"x3"	16
70980909	4"x4"	16

UNION THREADED (M-F)



Model	Specifications	Packing
code	inch	atm
50950505	1/2"x1/2"	16
50950606	2"x2"	16

MANIFOLD MALE THREADED



Model	Manifold	Outlets	Packing
code	female	male	box
71410605	2"	3-1 1/2"	4
71410606	2"	3-2"	4

PN10

SLEEVE SOCKET FITTINGS

INLET LINE MALE THREADED



Model	Specifications	Packing
code	mm-inch	atm
51016306	63x2"	16
51017507	75x2 1/2"	16
51019008	90x3"	16
51011109	110x4"	16
71011210	125x5"	16
71011410	140x5"	16
71011611	160x6"	16

GIBAULT



Model	Specifications	Packing
code	mm	atm
51260063	63	16
51260075	75	16
51260090	90	16
51260110	110	16

INLET LINE MALE THREADED-SLEEVE SOCKET



Model	Specifications	Packing
code	mm-inch	atm
50021636	63x2"	10
50021757	75x2 1/2"	10
50021908	90x3"	10
50021119	110x4"	10

WITHOUT RING SEAL

PRICES OF PVC SLEEVE SOCKET (5002) DO NOT INCLUDE RING SEAL (7004)

SEAL RING (FOR SLEEVE SOCKETS AND PVC PIPE)



Model	Specifications	Packing
code	mm	box
70040063	63	500
70040075	75	600
70040090	90	500
70040110	110	350
70040125	125	250
70040140	140	200
70040160	160	150
70040200	200	120
70040225	225	80
70040250	250	60
70040280	280	
70040315	315	

SLEEVE SOCKET (WITHOUT SEAL RING-MOULDED)



Model	Specifications	Packing
code	mm	atm
50016310	63	10
50017510	75	10
50019010	90	10
50019016	90	16
50011110	110	10
70011210	125	10
70011410	140	10
70011610	160	10

PRICES OF PVC SLEEVE SOCKET DO NOT INCLUDE RING SEAL



ADAPTOR THREADED SOLVENT GLUING



Model	Specifications	Packing
code	int-ext-MT	atm box
50922001	20x25x1/2"	16 720E
50922501	25x32x1/2"	16 480E
50922502	25x32x3/4"	16 480E
50923203	32x40x1"	16 300A
50924004	40x50x1 ^{1/4} "	16 150A
50924005	40x50x1 ^{1/2} "	16 150A
50925004	50x63x1 ^{1/4} "	16 140E
50925005	50x63x1 ^{1/2} "	16 140E
50925006	50x63x2"	16 120E
70926305	63x75x1 ^{1/2} "	16 70A
50926306	63x75x2"	16 100E
70926307	63x75x2 ^{1/2} "	16 50A
50927506	75x90x2"	16 55E
50927507	75x90x2 ^{1/2} "	16 64E
50927508	75x90x3"	16 48E
50929006	90x110x2"	16 42E
50929007	90x110x2 ^{1/2} "	16 42E
50929008	90x110x3"	16 42H
50929009	90x110x4"	16 30E
50921108	110x125x3"	16 24E
50921109	110x125x4"	16 30H

ADAPTOR SOCKET (FEMALE THREADED-SOLVENT GLUING)



Model	Specifications	Packing
code	mm x inch	atm box
50832001	20x1/2"	16 1080E
50832502	25x3/4"	16 600E
50833203	32x1"	16 300A
50834004	40x1 ^{1/4} "	16 200A
50835005	50x1 ^{1/2} "	16 100A
50836306	63x2"	16 65A
50837507	75x2 ^{1/2} "	16 48E
50839008	90x3"	16 30E
50831109	110x4"	16 30H

TEE FEMALE THREADED SOLVENT GLUING



Model	Specifications	Packing
code	mm-inch-mm	atm box
70632001	20x1/2"x20	16 400A
70632502	25x3/4"x25	16 200A
70633203	32x1"x32	16 120A
70634004	40x1 ^{1/4} "x40	16 80A
70635005	50x1 ^{1/2} "x50	16 90H
50636306	63x2"x63	16 33E
50639006	90x2"x90	16 15E
50639008	90x3"x90	16 15E
50631109	110x4"x110	16 11H

ELBOW 90° FEMALE THREADED-SOLVENT GLUING



Model	Specifications	Packing
code	mm-inch	atm box
70702001	20x1/2"	16 250
70702502	25x3/4"	16 300A
70703203	32x1"	16 180A
70704004	40x1 ^{1/4} "	16 120A
70705005	50x1 ^{1/2} "	16 120H
50706306	63x2"	16 50E
50707507	75x2 ^{1/2} "	16 30E
50709008	90x3"	16 20E
50701109	110x4"	16 15H

UNION MALE (THREADED-SOLVENT GLUING)



Model	Specifications	Packing
code	inch	atm box
50995005	50x1 ^{1/2} "	16 80E
50996306	63x2"	16 48E

UNION FEMALE THREADED-SOLVENT GLUING



Model	Specifications	Packing
code	mm-inch	atm box
70972001	20x1/2"	16 150
70972502	25x3/4"	16 200A
70973203	32x1"	16 120A
70974004	40x1 ^{1/4} "	16 80A
50975005	50x1 ^{1/2} "	16 70A
50976306	63x2"	16 48E
50977507	75x2 ^{1/2} "	16 25E
50979008	90x3"	16 22H
70971109	110x4"	16 15H





VALVES



VALVES

LAYFLAT-DRIPPER PIPE

Model	Specifications	Packing
code	mm	pcs/box
31630016	16	550 H
31630017	17 - tape	550 H
31630020	20	500 H



INDENTED

Model	Specifications	Packing
code	mm	pcs/box
31571212	12 x 12	800 H
31571616	16 x 16	700 H
31571818	18 x 18	700 H
31572016	20 x 16	700 H
31572020	20 x 20	650 H
31572525	25 x 25	550 H



THREADED MALE-MALE

Model	Specifications	Packing
code	inch	box
31560101	1/2" x 1/2"	650 H
31560201	3/4" x 1/2"	600 H
31560202	3/4" x 3/4"	550 H
31560303	1" x 1"	400 H



THREADED MALE-FEMALE

Model	Specifications	Packing
code	inch	pcs/box
31590101	1/2" x 1/2"	650 H
31590102	1/2" x 3/4"	550 H
31590201	3/4" x 1/2"	550 H
31590202	3/4" x 3/4"	500 H



OFFTAKE LOCK

Model	Specifications	Packing
code	mm	pcs/box
31620016	16	400 H
31620020	20	400 H



Offtake from LDPE pipe with punch 8mm

OFFTAKE INDENTED

Model	Specifications	Packing
code	mm	pcs/box
31580012*	12	750 H
31580016	16	700 H
31580020	20	650 H



Offtake from LDPE pipe with punch 8mm
*(punch 6mm)

THREADED MALE INDENTED

Model	Specifications	Packing
code	inch x mm	box
31610016	3/8" x 16	700 H
31610112	1/2" x 12	800 H
31610116	1/2" x 16	700 H
31610120	1/2" x 20	700 H
31610212	3/4" x 12	650 H
31610216	3/4" x 16	650 H
31610218	3/4" x 18	600 H
31610220	3/4" x 20	600 H
31610225	3/4" x 25	550 H
31610316	1" x 16	600 H
31610320	1" x 20	600 H



INDENTED THREADED FEMALE

Model	Specifications	Packing
code	mm x inch	pcs/box
31740161	16 x 1/2"	600 H
31740162	16 x 3/4"	550 H
31740201	20 x 1/2"	600 H
31740202	20 x 3/4"	500 H
31740252	25 x 3/4"	450 H



THREADED MALE-LOCK

Model	Specifications	Packing
code	inch x mm	box
31660116	1/2" x 16	450 H
31660120	1/2" x 20	400 H
31660216	3/4" x 16	400 H
31660220	3/4" x 20	400 H
31660325	1" x 25	300 H



QUICK COUPLING

Model	Specifications	Packing
code	mm	box
31671616	16 x 16	300 H
31672016	20 x 16	300 H
31672020	20 x 20	300 H
31672525	25 x 25	200 H



OFFTAKE - DRIPPER PIPE

Model	Specifications	Packing
code	mm	box
31650016	16	550 H
31650017	tape - 17	550 H
31650020	20	500 H



Offtake from LDPE pipe with punch 8mm

GROMMET SAFETY



Model	Specifications	Packing
code	mm	pcs/box
31720016	16	700 H
31720020	20	650 H

Offtake from HDPE pipe with 15mm drill

THREADED MALE-DRIPPER PIPE



Model	Specifications	Packing
code	mm	pcs/box
31790216	3/4" x 16	600 H
31790117	1/2" x 17 tape	600 H
31790217	3/4"x17 tape	550 H
31790220	3/4" x 20	550 H

GROMMET—DRIPPER PIPE



Model	Specifications	Packing
code	mm	pcs/box
31760016	16	600 H
31760017	tape - 17	600 H
31760020	20	550 H
31760022	tape - 22	450 H

Offtake from HDPE pipe with 15mm drill

GROMMET INDENTED



Model	Specifications	Packing
code	mm	box
31730016	16	700 H
31730020	20	650 H

Offtake from HDPE pipe with 15mm drill

OFFTAKE with Rubber – DRIPPER PIPE



Model	Specifications	Packing
code	mm	box
31710016	16	550 H
31710017	tape - 17	550 H

Offtake from HDPE pipes with 15 mm drill.

INDENTED TAPE



Model	Specifications	Packing
code	mm	box
31681617	16 x 17 tape	600 H
31682017	20 x 17 tape	600 H

TAPE



Model	Specifications	Packing
code	mm	box
31771717	17 x 17 tape	500H

MINI VALVES PN10

BALL VALVE Male-Female




Model	Specifications	Packing
code	inch	box
3152/0202	3/4" x 3/4"	100 E
3152/0302	1" x 3/4"	100 E
3152/0303	1" x 1"	100 E


BALL VALVE Female-Female




Model	Specifications	Packing
code	inch	pcs/box
3150/0202	3/4" x 3/4"	100 E
3150/0302	1" x 3/4"	100 E
3150/0303	1" x 1"	100 E
3158/0404	1 1/4" x 1 1/4"	50 A
3158/0505	1 1/2" x 1 1/2"	32 A
3158/0606	2" x 2"	15 A


BALL VALVE PP (female-female)	Model	Specifications	Packing
	code	inch	pcs/box
	41581101	½"	80
	41581202	¾"	40
	41581303	1"	30
	41581404	1 ¼"	20
	41581505	1 ½"	8
	41581606	2"	7


Brass chromium plated ball


BALL VALVE ICE-PP (female-female)	Model	Specifications	Packing
	code	inch	box
	41570101	½"	80
	41570202	¾"	40
	41570303	1"	30
	41570404	1 ¼"	20
	41570505	1 ½"	8
	41570606	2"	7

Minimum Operating Temperature -30C

ALUMINIUM FOOT VALVE PN12	Model	Specifications	Packing
	code	inch	box
	60200006	2"	1
	60200007	2 ½"	1
	60200008	3"	1
	60200009	4"	1

FLAP CHECK VALVE PN10	Model	Specifications	Packing
	code	inch	pcs/box
	70180007	2 ½"	1
	70180008	3"	1
	70180009	4"	1

FLAP CHECK VALVE PN12 ALUMINIUM	Model	Specifications	Packing
	code	inch	box
	60180006	2"	1
	60180007	2 ½"	1
	60180008	3"	1
	60180009	4"	1

FLAP CHECK VALVE PN10	Model	Specifications	Packing
	code	inch	pcs/box
	70190007	2 ½"	1
	70190008	3"	1
	70190009	4"	1

BASIC HYDRAULIC VALVE



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-000	40-1 ^{1/2} "	T-A01
P20T-000	50-2"	T-A01
P30T-000	80-3"	T-A01

T= Threaded | B= Flanged

ELECTRIC VALVE NC 24V with MANUAL COMMAND



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-E10	40-1 ^{1/2} "	T-A01
P20T-E10	50-2"	T-A01
P30T-E10	80-3"	T-A01
MON-310	Complete assembly A02	

T= Threaded | B= Flanged

ELECTRIC VALVE manual regulation 24V AC



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
M034-24	20-3/4"	T-24-A01
M100-24	25-1"	T-24-A01
M112-24	40-1 ^{1/2} "	T-24-A01
M200-24	50-2"	T-24-A01

T= Threaded | B= Flanged | 24= 24V AC | LS= PULSE

PRESSURE REDUCER 2way PILOT 0-8bar PN10



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-G10	40-1 ^{1/2} "	T-A01
P20T-G10	50-2"	T-A01
P30T-G10	80-3"	T-A01
MON-G10	Complete assembly A02	

T= Threaded | B= Flanged

BASIC HYDRAULIC VALVE



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-3R0	40-1 ^{1/2} "	T-A01
P20T-3R0	50-2"	T-A01
P30T-3R0	80-3"	T-A01
MON-3R0	Complete assembly A02	

T= Threaded | B= Flanged

ELECTRIC VALVE NC 12V with 3way manual valve & latching solenoid



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-E50	40-1 ^{1/2} "	T-A01
P20T-E50	50-2"	T-A01
P30T-E50	80-3"	T-A01
MON-E50	Complete assembly A02	

T= Threaded | B= Flanged

ELECTRIC VALVE manual regulation LS



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
M034-LS	20-3/4"	T-LS-A01
M100-LS	25-1"	T-LS-A01
M112-LS	40-1 ^{1/2} "	T-LS-A01
M200-LS	50-2"	T-LS-A01

T= Threaded | B= Flanged | 24= 24V AC | LS= PULSE

PRESSURE REDUCER 3way SUPER PILOT 0,6-6bar PN10



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-G33	40-1 ^{1/2} "	T-A01
P20T-G33	50-2"	T-A01
P30T-G33	80-3"	T-A01
MON-G33	Complete assembly A02	

T= Threaded | B= Flanged

PRESSURE REDUCER 3way Multi-Pilot 0,6-6bar



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-G34	40-1 ^{1/2} "	T-A01
P20T-G34	50-2"	T-A01
P30T-G34	80-3"	T-A01
MON-G34	Complete assembly A02	

T= Threaded | B= Flanged

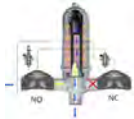
FLOAT VALVE with MANUAL COMMAND



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-F10	40-1 ^{1/2} "	T-A01
P20T-F10	50-2"	T-A01
P30T-F10	80-3"	T-A01
MON-F10	Complete assembly A02	

T= Threaded | B= Flanged

SET AUTO NO/NC HYDRAULIC VALVES

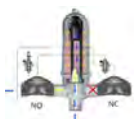


for filter automation

Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-G2024	40-1 ^{1/2} "	T-24-A01
P20T-G2024	50-2"	T-24-A01
P30T-G2024	80-3"	T-24-A01

T= Threaded | B= Flanged | 24= 24V AC | LS= PULSE

SET AUTO NO/NC HYDRAULIC VALVES

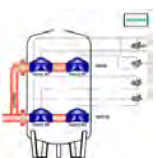


for filter automation

Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-G20LS	40-1 ^{1/2} "	T-LS-A01
P20T-G20LS	50-2"	T-LS-A01
P30T-G20LS	80-3"	T-LS-A01

T= Threaded | B= Flanged | 24= 24V AC | LS= PULSE

SET AUTO 4X VALVES & SOLENOID



for single chamber filter automation

Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-G21-LS	40-1 ^{1/2} "	T-LS-A01
P20T-G21-LS	50-2"	T-LS-A01
P30T-G21-LS	80-3"	T-LS-A01
MON-G21-LS	Complete Assembly 3"	

T= Threaded | B= Flanged | 24= 24V AC | LS= PULSE

PRESSURE REDUCER 3way Super-Pilot PN10



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-S30	40-1 ^{1/2} "	T-A01
P20T-S30	50-2"	T-A01
P30T-S30	80-3"	T-A01
MON-S30	Complete assembly A02	

T= Threaded | B= Flanged

VALVE with HYDRAULIC RELAY/MANUAL COMMAND



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
P12T-G18	40-1 ^{1/2} "	T-NF-A01
P20T-G18	50-2"	T-NF-A01
P30T-G18	80-3"	T-NF-A01
P12T-G19	40-1 ^{1/2} "	T-NF-A01
P20T-G19	50-2"	T-NF-A01
P30T-G19	80-3"	T-NF-A01
MON-G19	Complete assembly A02	

T= Threaded | B= Flanged

ADDITIONAL KIT for HYDRAULIC VALVES



Model	Dimension	Specifications
code	DN-inch	Spe-Cat
AK24	KIT 24V	A02
AKLS	KIT Latching	A02
AK24-BURK	KIT 24V Burket	A02
AKLS-BURK	KIT Pulse Burket	A02

T= Threaded | B= Flanged | 24= 24V AC
LS= PULSE

3way PLASTIC HYDRAULIC VALVE



for filter automation

Model	Dimension	Specifications
code	outlets (Victaulic)	Spe-Cat
V3VP-30V	3"x2"x3"	A05

T= Threaded | B= Flanged | V=Victaulic

3way CAST IRON HYDRAULIC VALVE

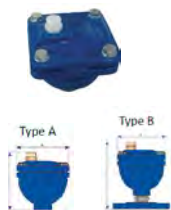


for filter automation

Model	Dimension	Spec
code	outlets (Victaulic)	Spe-Cat
V3VP-20V	2"x2"x2"	A05
V3VP-30V	3"x2"x3"	A05
V3VF-30B	DN80x2"xDN80	A05

V=Victaulic

AIR RELIEF VALVE SINGLE ACTION



DN	Type	PN10-16	PN25
1"	A Female		
25	B Flange		
40	B Flange		
50	B Flange		
65	B Flange		
80	B Flange		
100	B Flange		

GGG40

AIR RELIEF VALVE DOUBLE ACTION



DN	Type	PN10-16	PN25
40	D Flange		
50	D Flange		
65	D Flange		
80	D Flange		
100	D Flange		
80	E Flange		
100	E Flange		
100	F Flange		
125	F Flange		
150	F Flange		
200	F Flange		
250	F Flange		

GGG40 | EN 1074-4 | Type: 250-251-252-400-600-900-1200-1600 Working pressure: 10-16-25-40-64-100 bar | Flange EN 1092-2

AIR INLET CHECK VALVE



DN	inch	PN10	PN16
DN 50	2"		
DN 65	2 1/2"		
DN 80	3"		
DN 100	4"		
DN 125	5"		
DN 150	6"		
DN 200	8"		
DN 250	10"		
DN 300	12"		
DN 350	14"		
DN 400	16"		

Air Inlet Check Valve permits a high flow air intake into the pipe, in order to prevent negative pressure, the result of which would be damage to the sealing joints and a risk of the pipe being crushed. It provides a normal flow during pipe draining.

BUTTERFLY VALVES WAFER TYPE PN16



DN	inch	PN	With Lever	With Gear
DN 40	1 1/2"	16		
DN 50	2"	16		
DN 65	2 1/2"	16		
DN 80	3"	16		
DN 100	4"	16		
DN 125	5"	16		
DN 150	6"	16		
DN 200	8"	16		
DN 250	10"	16		
DN 300	12"	16		
DN 350	14"	10		
DN 400	16"	10		
DN 450	18"	10		
DN 500	20"	10		
DN 600	24"	10		
DN 700	28"	10		
DN 800	32"	10		
DN 900	36"	10		
DN1000	40"	10		

GGG INOX | All dimensions available with electric actuator

AIR RELIEF VALVE TRIPLE ACTION



DN	Type	PN10-16	PN25
40	G Female		
50	G Female		
65	G Female		
80	G Female		
100	G Female		
80	H Female		
100	H Female		
100	I Female		
125	I Female		
150	I Female		
200	I Female		
250	I Female		
300	I Female		

GGG40 | EN 1074-4 | Type: 250-251-252-400-600-900-1200-1600 Working pressure: 10-16-25-40-64-100 bar | Flange EN1092-2

MEMBRANE CHECK VALVE



DN	inch	PN10	PN16
DN 50			
DN 65			
DN 80			
DN 100			
DN 125			
DN 150			
DN 200			
DN 250			
DN 300			

Check valve membrane type secures tightness for big working duration, closes quietly and avoids water hammer. Valve closes easily by a membrane with special form and composition.

GATE VALVE FLANGED



DN	inch	PN10	PN16
40	1 1/2"		
50	2"		
65	2 1/2"		
80	3"		
100	4"		
125	5"		
150	6"		
200	8"		
250	10"		
300	12"		

GATE VALVE



DN	inch	PN10	PN16
8	1/4"		
12	3/8"		
15	1/2"		
20	3/4"		
25	1"		
32	1 1/4"		
40	1 1/2"		
50	2"		
65	2 1/2"		
80	3"		
100	4"		

HYDRAULIC CONTROL VALVE BASIC



Hydraulic control valves are direct - sealing diaphragm valves activated by pipeline pressure. When in the control chamber pressure is equal to the pipeline pressure the rubber diaphragm closes the valve. The spring in the upper side of diaphragm helps valve to close regardless of pressure and flow conditions. Expanding the pressure from control chamber valve opens.

Model Size		Connection
mm	inch	type
DN 50	2"	T,TA,F,FA
DN 65	2 1/2"	T,TA,F,FA
DN 80	3"	F,FA
DN100	4"	F
DN 80	3"	F
DN 100	4"	F
DN 125	5"	F
DN 150	6"	F
DN 200	8"	F
DN 250	10"	F
DN 300	12"	F

Material CAST IRON GG25- DUCTILE IRON GGG40
T-Threaded | TA-Threaded Angle | F-Flanged | FA-Flanged Angle

CHECK VALVE CH-V



CH - V valve protects the system from the damaging effects of water hammer closing immediately in case of reverse flow in network. CH-V valves are direct - sealing diaphragm valves activated by line pressure.

Model Size		Connection
mm	inch	type
DN 50	2"	T,TA,F,FA
DN 65	2 1/2"	T,TA,F,FA
DN 80	3"	F,FA
DN 80	3"	F
DN 100	4"	F
DN100	4"	F
DN 125	5"	F
DN 150	6"	F
DN 200	8"	F
DN 250	10"	F
DN 300	12"	F

Material CAST IRON GG25- DUCTILE IRON GGG40
T-Threaded | TA-Threaded Angle | F-Flanged | FA-Flanged Angle

PRESSURE SUSTAINING VALVE PS-V



PS - V valve maintains the upstream pressure constant in a defined point, regardless of pressure and flow - rate fluctuations. They are direct-sealing diaphragm valves, activated automatically by a 2-way pressure sustaining pilot.

Model Size		Connection
mm	inch	type
DN 50	2"	T,TA,F,FA
DN 65	2 1/2"	T,TA,F,FA
DN 80	3"	F,FA
DN 80	3"	F
DN 100	4"	F
DN100	4"	F
DN 125	5"	F
DN 150	6"	F
DN 200	8"	F
DN 250	10"	F
DN 300	12"	F

Material CAST IRON GG25- DUCTILE IRON GGG40
T-Threaded | TA-Threaded Angle | F-Flanged | FA-Flanged Angle

ELECTRIC PRESSURE SUSTAINING VALVE PSE-V



PSE-V valve maintains the inlet pressure constant in a defined point, regardless of pressure and flow - rate fluctuations and opens activated by an electric source. They are direct-sealing diaphragm valves, activated automatically by a 2-way pressure sustaining pilot and a solenoid valve.

Model Size		Connection
mm	inch	type
DN 50	2"	T,TA,F,FA
DN 65	2 1/2"	T,TA,F,FA
DN 80	3"	F,FA
DN 80	3"	F
DN 100	4"	F
DN100	4"	F
DN 125	5"	F
DN 150	6"	F
DN 200	8"	F
DN 250	10"	F
DN 300	12"	F

Material CAST IRON GG25- DUCTILE IRON GGG40
T-Threaded | TA-Threaded Angle | F-Flanged | FA-Flanged Angle

MANUAL OPERATING VALVE ON/OFF M-V



M - V valve is controlled manually by a 3 - way selector which allows the user to close, to open or to remote controlled the valve. V valves are direct - sealing diaphragm valves which are activated either by line pressure or by an external pressure source.

Model Size		Connection
mm	inch	type
DN 50	2"	T,TA,F,FA
DN 65	2 1/2"	T,TA,F,FA
DN 80	3"	F,FA
DN 80	3"	F
DN 100	4"	F
DN 100	4"	F
DN 125	5"	F
DN 150	6"	F
DN 200	8"	F
DN 250	10"	F
DN 300	12"	F

Material: CAST IRON GG25- DUCTILE IRON GGG40
T-Threaded | TA-Threaded Angle | F-Flanged | FA-Flanged Angle

PRESSURE REDUCING VALVE PR-V



PR - V valve reduces the upstream pressure in a defined downstream pressure regardless of pressure and flow - rate fluctuations. PR - V valves are direct - sealing diaphragm valves, activated by line pressure and controlled by a adjustable 2-way pilot valve. The pressure reducing pilot defines the desirable downstream pressure, according to the regulation that have been made by a regulated boiler.

Model Size		Connection
mm	inch	type
DN 50	2"	T,TA,F,FA
DN 65	2 1/2"	T,TA,F,FA
DN 80	3"	F,FA
DN 80	3"	F
DN 100	4"	F
DN 100	4"	F
DN 125	5"	F
DN 150	6"	F
DN 200	8"	F
DN 250	10"	F
DN 300	12"	F

Material CAST IRON GG25- DUCTILE IRON GGG40
T-Threaded | TA-Threaded Angle | F-Flanged | FA-Flanged Angle

ELECTRIC PRESSURE REDUCING VALVE PRE-V



PRE - V valve reduces the upstream pressure in a defined downstream pressure, regardless of pressure and flow-rate fluctuations, opens and closes with a solenoid valve. They are valves with electrical on-off are direct - sealing diaphragm valves, activated by line pressure and controlled by a 2 - way adjustable pilot valve and a solenoid valve.

Model Size		Connection
mm	inch	type
DN 50	2"	T,TA,F,FA
DN 65	2 1/2"	T,TA,F,FA
DN 80	3"	F,FA
DN 80	3"	F
DN 100	4"	F
DN 100	4"	F
DN 125	5"	F
DN 150	6"	F
DN 200	8"	F
DN 250	10"	F
DN 300	12"	F

Material CAST IRON GG25- DUCTILE IRON GGG40
T-Threaded | TA-Threaded Angle | F-Flanged | FA-Flanged Angle

QUICK RELIEF VALVE QR-V



QR - V valve opens instantly when pressure in pipeline exceeds the desirable level. QR - V valves are direct - sealing diaphragm valves.

Model Size		Connection
mm	inch	type
DN 50	2"	T,TA,F,FA
DN 65	2 1/2"	T,TA,F,FA
DN 80	3"	F,FA
DN 80	3"	F
DN 100	4"	F
DN 100	4"	F
DN 125	5"	F
DN 150	6"	F
DN 200	8"	F
DN 250	10"	F
DN 300	12"	F

Material CAST IRON GG25- DUCTILE IRON GGG40
T-Threaded | TA-Threaded Angle | F-Flanged | FA-Flanged Angle



HYDRAULIC CONTROL VALVES

PRESSURE REDUCING & PRESSURE SUSTAINING VALVE PS-PR-V



Model Size		Connection
mm	inch	type
DN 50	2"	T,TA,F,FA
DN 65	2 1/2"	T,TA,F,FA
DN 80	3"	F,FA
DN 80	3"	F
DN 100	4"	F
DN100	4"	F
DN 125	5"	F
DN 150	6"	F
DN 200	8"	F
DN 250	10"	F
DN 300	12"	F

PS - PR - V valve remains the upstream pressure constant and reduces the downstream pressure regardless of pressure and flow - rate fluctuations. MATERIAL CAST IRON GG25- DUCTILE IRON GGG40 T-Threaded | TA-Threaded Angle | F-Flanged | FA-Flanged Angle

DISMANTLING JOINTS



Model	Carbon Steel		Ductile Iron GGG40	
	PN10	PN16	PN10	PN16
DN mm				
DN 50				
DN 65				
DN 80				
DN 100				
DN 125				
DN 150				
DN 200				
DN 250				
DN 300				
DN 350				
DN 400				
DN 450				
DN 500				
DN 600				
DN 700				
DN 800				
DN 900				
DN 1000				

Body: Ductile Iron GGG 50 EN1563/EN1092-2 / Carbon Steel EN10025/EN1092-1 | Ring: EPDM-NBR-VITON | Studs/Nuts: Galvanized Steel/ AISI A2 | Coating: Epoxy Paint Potable RAL5005

PILOTS



Model	type
PRESSURE REDUCING PILOT	
PRESSURE SUSTAINING PILOT	
QUICK RELIEF PILOT	
Body/Bonnet/Plug/Seat/Spring Disc: Brass Spring: Steel Stem/Regulation Bolt/Nut: Stainless Steel Membrane: NBR	

FLOAT CONTROL VALVE F-V



Model Size		Connection
mm	inch	type
DN 50	2"	T,TA,F,FA
DN 65	2 1/2"	T,TA,F,FA
DN 80	3"	F,FA
DN 80	3"	F
DN 100	4"	F
DN100	4"	F
DN 125	5"	F
DN 150	6"	F
DN 200	8"	F
DN 250	10"	F
DN 300	12"	F

FL - V valve is direct - sealing diaphragm valve activated by line pressure and by float pilot valve which links a plastic tube to the main valve. Controls the water level in the tank. When the water level in the tank rises (as required) the float pilot closes increasing the pressure in the control chamber closing the valve. When the water level falls, the float pilot opens, making an expansion in the control chamber allowing the water flows into the valve.

MATERIAL CAST IRON GG25- DUCTILE IRON GGG40 T-Threaded | TA-Threaded Angle | F-Flanged | FA-Flanged Angle

PADDLE WATER METER



Model	Specifications
DN mm	
50	
65	
2 1/2"	
3"	
80	
100	
125	
150	
200	
250	
300	

Body: Ductile Iron | Pressure: PN 16 | Temperature: 40° C | Coating: Powder Epoxy | Tech Data for Horizontal Installation: ISO 4064



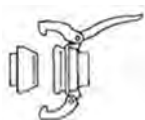
GALVANIZED COUPLINGS



GI COUPLINGS

QUICK COUPLINGS | ENDPipe
COUPLINGS | HOSE COUPLINGS |
SPIRAL COUPLINGS | COUPLINGS WITH
EXTERNAL THREADS | COUPLINGS
WITH INTERNAL THREADS | FLANGE
WITH COUPLING | FLANGE WITH
BEND

QUICK COUPLING SET



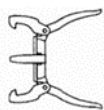
Model	Size	Packing
code	mm	
P10-001	70	
P10-002	89	
P10-003	108	
P10-004	120	
P10-005	150	

CONNECTOR



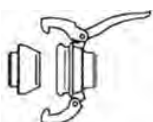
Model	Size	Packing
code	mm	
P9-001	70	
P9-002	89	
P9-003	108	
P9-004	120	
P9-005	150	

THREE KEY CONNECTOR



Model	Size	Packing
code	mm	
P12-001	70	
P12-002	89	
P12-003	108	
P12-004	120	
P12-005	150	

PLUG COUPLING



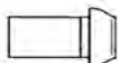
Model	Size	Packing
code	mm	
P11&21-001	70	
P11&21-002	89	
P11&21-003	108	
P11&21-004	120	
P11&21-005	150	

MALE PLUG



Model	Size	Packing
code	mm	
P11-001	70	
P11-002	89	
P11-003	108	
P11-004	120	
P11-005	150	

MALE ENDDPIPE



Model	Size	Packing
code	mm	
P13-001	70	
P13-002	89	
P13-003	108	
P13-004	120	
P13-005	150	

MALE MOUTHPIECE



Model	Size	Packing
code	mm	
P1-001	70	
P1-002	89	
P1-003	108	
P1-004	120	
P1-005	150	

FEMALE MOUTHPIECE



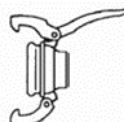
Model	Size	Packing
code	mm	
P2&9-001	70	
P2&9-002	89	
P2&9-003	108	
P2&9-004	120	
P2&9-005	150	

RUBBER RING



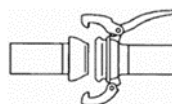
Model	Size	Packing
code	mm	
P8-001	70	
P8-002	89	
P8-003	108	
P8-004	120	
P8-005	150	

FEMALE PLUG



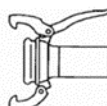
Model	Size	Packing
code	mm	
P21-001	70	
P21-002	89	
P21-003	108	
P21-004	120	
P21-005	150	

ENDPIPE COUPLING

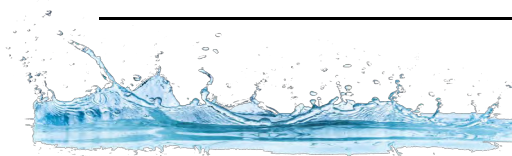


Model	Size	Packing
code	mm	
P13&22-001	70	
P13&22-002	89	
P13&22-003	108	
P13&22-004	120	
P13&22-005	150	

FEMALE ENDDPIPE

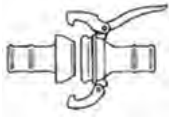


Model	Size	Packing
code	mm	
P22-001	70	
P22-002	89	
P22-003	108	
P22-004	120	
P22-005	150	



HOSE COUPLING

Model	Size	Packing
code	mm	pallet
P23&24-001	70X50	
P23&24-002	70X63	
P23&24-003	70X76	
P23&24-004	89X63	
P23&24-005	89X76	
P23&24-006	89X89	
P23&24-007	89X102	
P23&24-008	108X89	
P23&24-009	108X102	
P23&24-010	120X120	
P23&24-011	150X150	



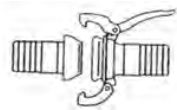
MALE HOSE MOUTHPIECE

Model	Size	Packing
code	mm	pallet
P23-001	70X50	
P23-002	70X63	
P23-003	70X76	
P23-004	89X63	
P23-005	89X76	
P23-006	89X89	
P23-007	89X102	
P23-008	108X89	
P23-009	108X102	
P23-010	120X120	
P23-011	150X150	



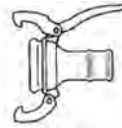
SPIRAL COUPLING

Model	Size	Packing
code	mm	pallet
P14&18-001	70X50	
P14&18-002	70X60	
P14&18-003	70X70	
P14&18-004	70X76	
P14&18-005	89X76	
P14&18-006	89X80	
P14&18-007	89X89	
P14&18-008	108X89	
P14&18-009	108X100	
P14&18-010	108X114	
P14&18-011	120X138	
P14&18-012	150x164	



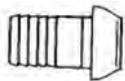
FEMALE HOSE MOUTHPIECE

Model	Size	Packing
code	mm	pallet
P24-001	70X50	
P24-002	70X63	
P24-003	70X76	
P24-004	89X63	
P24-005	89X76	
P24-006	89X89	
P24-007	89X102	
P24-008	108X89	
P24-009	108X102	
P24-010	120X120	
P24-011	150X150	



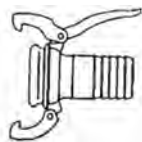
SPIRAL MALE MOUTHPIECE

Model	Size	Packing
code	mm	pallet
P14-001	70X50	
P14-002	70X60	
P14-003	70X70	
P14-004	70X76	
P14-005	89X76	
P14-006	89X80	
P14-007	89X89	
P14-008	108X89	
P14-009	108X100	
P14-010	108X114	
P14-011	120X138	
P14-012	150x164	



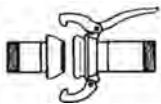
SPIRAL FEMALE MOUTHPIECE

Model	Size	Packing
code	mm	pallet
P18-001	70X50	
P18-002	70X60	
P18-003	70X70	
P18-004	70X76	
P18-005	89X76	
P18-006	89X80	
P18-007	89X89	
P18-008	108X89	
P18-009	108X100	
P18-010	108X114	
P18-011	120X138	
P18-012	150x164	



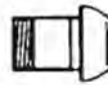
COUPLING WITH EXTERNAL THREAD

Model	Size	Packing
code	mm-inch	
P25&26-001	70x1.5"	
P25&26-002	70x2"	
P25&26-003	70x2.5"	
P25&26-004	70x3"	
P25&26-005	89x1.5"	
P25&26-006	89x2"	
P25&26-007	89x2.5"	
P25&26-008	89x3"	
P25&26-009	89x4"	
P25&26-010	108x3"	
P25&26-011	108x4"	
P25&26-012	120x5"	
P25&26-013	150x6"	



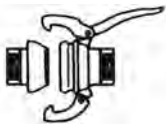
MALE MOUTHPIECE EXTERNAL THREAD

Model	Size	Packing
code	mm-inch	
P25-001	70x1.5"	
P25-002	70x2"	
P25-003	70x2.5"	
P25-004	70x3"	
P25-005	89x1.5"	
P25-006	89x2"	
P25-007	89x2.5"	
P25-008	89x3"	
P25-009	89x4"	
P25-010	108x3"	
P25-011	108x4"	
P25-012	120x5"	
P25-013	150x6"	



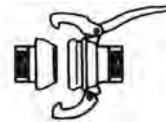
COUPLING WITH INTERNAL THREAD

Model	Size	Packing
code	mm-inch	pallet
P27&28-001	70x1.5"	
P27&28-002	70x2"	
P27&28-003	70x2.5"	
P27&28-004	70x3"	
P27&28-005	89x1.5"	
P27&28-006	89x2"	
P27&28-007	89x2.5"	



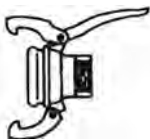
COUPLING WITH INTERNAL THREAD

Model	Size	Packing
code	mm-inch	
P27&28-008	89x3"	
P27&28-009	89x4"	
P27&28-010	108x3"	
P27&28-011	108x4"	
P27&28-012	120x5"	
P27&28-013	150x6"	



FEMALE MOUTHPIECE INTERNAL THREAD

Model	Size	Packing
code	mm-inch	
P28-001	70x1.5"	
P28-002	70x2"	
P28-003	70x2.5"	
P28-004	70x3"	
P28-005	89x1.5"	
P28-006	89x2"	
P28-007	89x2.5"	
P28-008	89x3"	
P28-009	89x4"	
P28-010	108x3"	
P28-011	108x4"	
P28-012	120x5"	
P28-013	150x6"	



MALE MOUTHPIECE INTERNAL THREAD

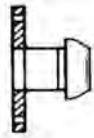
Model	Size	Packing
code	mm-inch	
P25-001	70x1.5"	
P25-002	70x2"	
P25-003	70x2.5"	
P25-004	70x3"	
P25-005	89x1.5"	
P25-006	89x2"	
P25-007	89x2.5"	
P25-008	89x3"	
P25-009	89x4"	
P25-010	108x3"	
P25-011	108x4"	
P25-012	120x5"	
P25-013	150x6"	





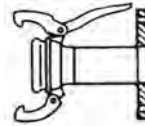
GALVANIZED COUPLINGS

FLANGE WITH MALE COUPLING



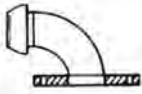
Model	Size	Packing
code	mm	
P29-001	70X65	
P29-002	70X80	
P29-003	89X65	
P29-004	89X80	
P29-005	89X100	
P29-006	108X80	
P29-007	108X100	
P29-008	108X125	
P29-009	120X125	
P29-010	150X150	

FLANGE WITH FEMALE COUPLING



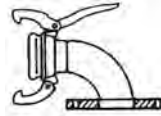
Model	Size	Packing
code	mm	
P30-001	70X65	
P30-002	70X80	
P30-003	89X65	
P30-004	89X80	
P30-005	89X100	
P30-006	108X80	
P30-007	108X100	
P30-008	108X125	
P30-009	120X125	
P30-010	150X150	

FLANGE WITH MALE BEND



Model	Size	Packing
code	mm	
P64-001	70X65	
P64-002	70X80	
P64-003	89X65	
P64-004	89X80	
P64-005	89X100	
P64-006	108X80	
P64-007	108X100	
P64-008	108X125	
P64-009	120X125	
P64-010	150X150	

FLANGE WITH FEMALE BEND



Model	Size	Packing
code	mm	
P65-001	70X65	
P65-002	70X80	
P65-003	89X65	
P65-004	89X80	
P65-005	89X100	
P65-006	108X80	
P65-007	108X100	
P65-008	108X125	
P65-009	120X125	
P65-010	150X150	





STEEL WATER TANKS



WATER TANKS

Wide range to cover all water storage requirements (from 5m³ up to 1500m³)

Special covers for the protection of steel tanks from water. The choice is made depending on the use, conditions and type of tank.



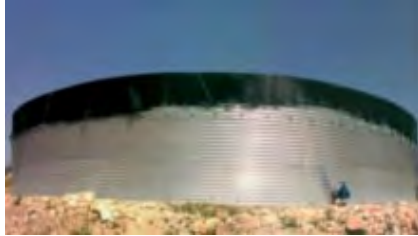
	height	diameter	volume		height	diameter	volume
	(m)	(m)	(m ³)		(m)	(m)	(m ³)
1	1,68	1,91	5	26	2,52	14,33	406
2	2,52	1,91	7	27	2,52	15,29	463
3	3,36	1,91	10	28	2,52	16,24	522
4	2,52	2,87	16	29	1,68	21,02	583
5	3,36	2,87	22	30	3,36	15,29	617
6	1,68	4,78	30	31	2,52	18,15	652
7	3,36	3,82	39	32	2,52	19,11	723
8	2,52	4,78	45	33	3,36	17,20	780
9	3,36	4,78	60	34	2,52	10,06	797
10	2,52	5,73	65	35	1,68	24,84	814
11	1,68	7,64	77	36	1,68	25,80	878
12	3,36	5,73	87	37	1,68	26,75	944
13	1,68	8,60	98	38	2,52	23,89	1129
14	2,52	7,64	116	39	3,36	22,93	1388
15	1,687	9,55	120	40	3,36	23,89	1506
16	2,52	8,60	146				
17	2,52	9,55	181				
18	3,36	8,60	195				
19	1,68	12,42	204				
20	2,52	10,51	219				
21	3,36	9,55	241				
22	2,52	11,46	260				
23	3,36	10,51	291				
24	1,68	16,24	348				
25	1,68	17,20	390				

Water Tanks Wide range to cover all water storage requirements (from 5m³ up to 1500m³)

Main advantages:

- Low cost water storage
- Strong and robust construction
- Easy transportation and quick installation
- Requires minimal site preparation and foundation
- High durability and long service life

Special covers for the protection of steel tanks from water.
The choice is made depending on the use, conditions and type of tank.



Covers

Radial cover Made of joists of properly shaped sheets of galvanized steel, which are placed in a radial arrangement and form a conical frame at the top of the tank. It is covered with corrugated galvanized steel sheets. The cover completely protects the water in the tank.

Net cover Made of special reinforced shading net. It protects the water from various objects and prevents the growth of algae. For steel tanks up to 20m in diameter, the net cover consists of a typical part of the tank. This type of roof is not suitable for larger diameter tanks.

Metal cover Made of galvanized steel scissors of suitable shape. The cover is covered with corrugated sheets of galvanized steel. It completely protects the water in the tank.

Floating cover Made of polypropylene sheet and floats above the water surface. It completely covers the water in the tank and prevents water contamination and algae formation.





INTELLIGENT CONTROL SYSTEMS



IQ SYSTEMS

Intelligent control of crops through iQ systems. The iQ FERTIGATION models are complete fertilization systems used in modern hydroponic or conventional crops. The ideal choice to create the perfect conditions in your greenhouse, as you can design and implement automated irrigation strategies according to the needs of your crops and provide the required amounts of water and nutrients to the roots of each plant.

IQ20

IQ FERTIGATION

Control of up to 3 fertilizer valves.

Hydrofusion test using 1 PH sensor.

Hydrofusion test using an EC sensor



A reliable and easy to use system for small crops. Used in both greenhouses and outdoors. Equipped with three fertilizer valves, eight tubular irrigation commands, an EC meter and a pH meter, the IQ20 is the ultimate fertigation tool.

IQ30

IQ FERTIGATION

Control of up to 4 fertilizer valves

Control up to 24 groups of irrigation valves

Installed climate control system

7" touch screen installation ability

Hydrofusion test using 1 PH sensor

Hydrofusion test using an EC sensor

Ability to add additional sensors

email alert capability



IQ40

IQ FERTIGATION

Control of up to 5 fertilizer valves

Control of up to 8 groups of irrigation valves

Hydrofusion test using 1 PH sensor

Hydrofusion test using an EC sensor

Fertilizer control capability using rates per valve

Manual operation of all commands

Ability to connect an external sensor to start irrigation

Ability to apply lateral fertilization (embroidery) with built-in venturi

Multiple display for controlling and adjusting the watering data

Use remote control for immediate change of watering parameters

Possibility of regulating conductivity (EC) and acidity (PH) limits for irrigation safety

Visual and audible alert alarm (alarm)

Stainless steel frame

Pressure gauge in each fertilizer valve with micrometer regulator to control fertilizer flow

Use of multiventuri for uniform suction of fertilizers without the necessity of moving parts

Recommended for crops 1-5 stremma

Hydroponic unit ideal for small cultures. The desired parameters of the crop are handled and adjusted using a remote control. This service gives the unit full autonomy, as the use of a P/C is not necessary.



IQ60

IQ FERTIGATION

Control of up to 20 fertilizer valves

Control of up to 100 groups of irrigation valves

Hydrofusion test using 2 PH sensors

Hydrofusion test using 2 EC sensors

Can be connected to a flowmeter for irrigation using cubic capacity

Wireless connectivity with PC or TABLET

Ability to connect to a mobile phone to send alarm and irrigation commands

Fertilizer capability with different command on each electrovalve

Use remote control for immediate change of watering parameters

Remote control capability (remote management)

4 fertilizer valves installed

Stainless steel frame

Recommended for crops 5-10 stremma

Hydroponic unit with characteristics that operate from 1 to 50 acres. Its program can be displayed on a computer or tablet and checked from there. It can be supported and combined with the iQ-Clima climate control system. The use of switches, available in the basic version of the machine, can make the operation of the machine manual. The connection to the existing pump irrigation is direct. It can support up to 10 fertilizer valves. Ideal for outdoor use.



IQ120

IQ FERTIGATION

100 lt tank of fertilizer mixing

Stainless steel pump 5.5 HP

EC sensor and PH at head outlet (irrigation line)

25 m3/h digital water meter for irrigation control

Electrical control panel

Operation indicators (phase monitoring, thermal etc.)

Stainless steel frame

Recommended for crops 5-10 stremma

The IQ120 hydroponic unit is a complete fertilization system. The basic version of the machine is equipped with a 200 liter fertilizer mixing tank, a 5.5hp stainless steel pump and an electronic flow meter for irrigation or fertilization using cubic meters. The IQ120 unit is ideal for crops up to 15 acres. The ability to place a touch screen gives the head maximum functionality and proximity during use, in modern hydroponic or conventional greenhouses.



IQ140

IQ FERTIGATION

100 lt tank of fertilizer mixing

Stainless steel pump 10 HP

EC sensor and PH at head outlet (irrigation line)

50 m3/h digital water meter for irrigation control

Electrical control panel

Operation indicators (phase monitoring, thermal etc.)

Stainless steel frame

Recommended for crops 10-60 stremma

The IQ140 water supply unit is the "flagship" of our hydroponic units. With a pump up to 20 hp, it can meet the requirements of any outdoor or greenhouse. The ability to combine with the iQ-Clima air conditioning unit, provides the advantage of irrigation planning by controlling evaporation, using measurements of temperature, humidity and sunshine. The IQ140 head has the ability to locate and retrieve data in real time, thus giving the user remote management of all parameters of the greenhouse. The capacity for different fertilization, valve and electromagnetic valve programs is so wide that the IQ140 can handle any challenge.



IQMIX

makes fertilizer dissolution simpler



One of the biggest problems facing the nutrient solution manufacturing process is the difficulty of dissolving dense fertilizers. This problem becomes even more difficult during the winter months when low temperatures make it difficult to dissolve fertilizer, especially those containing sulfur or phosphorus. Knowing how important it is to properly dissolve fertilizers for proper and uniform fertilization, our company introduce the innovative IQ-Mix system, which makes fertilizer dissolution simpler. Both the materials and the ergonomic design of the IQ-Mix system make it very easy to use, regardless of the type of fertilizer dissolved. The system consists of a heavy-duty conical tank, a high-pressure stainless steel pump and a stirring motor with a special configuration for maximum stirring. Having the ability to separate the pump activation from the agitation system, we can adjust the operation of the machine according to the existed needs.

IQCLIMA

a major control tool in a modern greenhouse



The IQ-CLIMA climate control unit is a major control tool in a modern greenhouse. Having the ability to measure and record climatic data that the user wants, the unit can control, in real time, any automation that exists in the greenhouse (windows, heating, cooling, curtains). The IQ-CLIMA climate control unit has the possibility of independent installation in the greenhouse or in combination with a hydroponic IQ unit, so it is a flexible solution, depending on the customer's requirements.

IQGARDEN

direct control of both the irrigation dose and the irrigation frequency



The unit IQ GARDEN is made for use in large green land areas such as parks, football fields or golfs, but also in smaller land areas such as large gardens or farms. The main advantage of the head is the possibility of enrichment the irrigation water with organic or conventional fertilizers, achieving the stimulation and renewal of the plant. Simultaneously, the built-in system for measuring humidity, temperature and sunshine measurement system, gives the user the possibility of direct control of both the irrigation dose and the irrigation frequency. It is worth noting that the model has been designed with the guidance of a Landscape Architecture, so that it does not be a foreign body in the installation area.

intra

AGRICULTURE

Wide range of products from quality systems that guarantee the support and protection of crops to the management of the field.



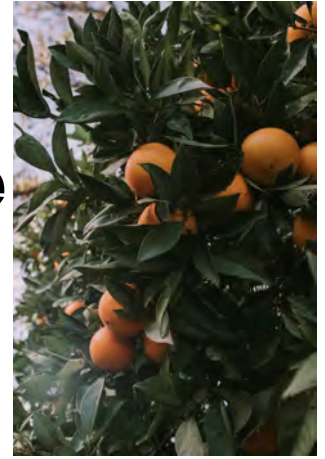
Intra Trading & Consulting

Phone: +30 2310 580 060
WhatsApp: +30 6974452956
email: sales@intra.gr
web: www.intra.gr

CATALOGUE



Agriculture



TECHNICAL FABRICS

Pg.2 Olive Collection Nets

Pg.3 Protection Nets (Anti-Hail, Windbreaker, Bird Protection, Greenhouse Insect Protection)

Pg.4 Shading Nets

Pg.5 Olive Collection Fabric
Root Barrier
Crop Cover
Weather Protection Cover
Ground Cover
Mulching

Pg.6 Arboriculture Cord
Baler Twine
Greenhouse Twine
Bunch Cover Bag
Fruit Cover on Tubular Rolls

PLASTIC FILMS

SAFE-D Soft Fruit Protection

Greenhouse Film
Greenhouse Film Special

Pg.8 DALIN Pocket Advance
DALIN Pocket Thermic
DALIN Pocket Easy Fill
DALIN Pocket Black & White
DALIN Pocket Black & White Stripe
DALIN Pocket Thermic for White Asparagus
DALIN Low Tunnels

Pg.9 Mulch Film Perforated
Mulch Film Black & Silver
Mulch Film Black & White
Mulch Film DALIN Brown
Mulch Film DALIN Black
Mulch Film DALIN Transparent

SUPPORTING & PROTECTION SYSTEMS

Pg.11 Protection Systems
- Anti-Rain System
- Anti-Hail System
- Shading System
- Anti-Insect System

Pg.12 Supporting Systems
- Orchards
- Vineyards









TECHNICAL FABRICS






FABRICS

VERATTINA		Specifications	
	100-101	Description	
	Type	74 B Monofilament	
	Width (m)	4 / 5 / 6 / 7 / 8	
	Length (m)	100 / 300	
	Dimensions	5x8, 5x10, 5x12, 6x8, 6x10, 6x12, 7x12, 8x12, 8x14	
	Weight (gr/m ²)	110	
	Color	Green	
	Material	Polyethylene HDPE 100% with reinforced ends, non-tear, applies firmly on the ground	
	UV Stabilizer	5 years	
	Shading	45%	
	Use	Olive harvesting, shading, windbreaker	

ANTISPINA		Specifications	
	100-102	Description	
	Type	74 B Monofilament	
	Width (m)	4 / 5 / 6 / 7 / 8	
	Length (m)	100 / 300	
	Dimensions	5x8, 5x10, 5x12, 6x8, 6x10, 6x12, 7x12, 8x12, 8x14	
	Weight (gr/m ²)	110	
	Color	Green	
	Material	Polyethylene HDPE 100% with reinforced ends, non-tear, applies firmly on the ground	
	UV Stabilizer	5 years	
	Shading	40%	
	Use	Olive harvesting, shading, windbreaker	

ATHENA		Specifications	
	100-103	Description	
	Type	74 B Monofilament	
	Width (m)	2 / 6 / 7 / 8	
	Length (m)	300	
	Dimensions	5x8, 5x10, 5x12, 6x8, 6x12, 7x12, 8x12, 8x14	
	Weight (gr/m ²)	85	
	Color	Green	
	Material	Polyethylene HDPE 100% with reinforced ends, non-tear, applies firmly on the ground	
	UV Stabilizer	5 years	
	Shading	35%	
	Use	Olive harvesting, shading, windbreaker	

PERMANENT COLLECTION		Specifications	
	100-104	Description	
	Type	74 Q Quatro	
	Width (m)	2 / 2.5 & 4 / 5 / 6 (folded in two)	
	Length (m)	50, 65, 80, 100	
	Weight (gr/m ²)	60	
	Colour	Black	
	Packaging	Rolls	
	Material	Polyethylene HDPE 100% with reinforced ends, non-tear, applies firmly on the ground	
	UV Stabilizer	5 years	
	Use	Permanent application for fruit harvesting (olives, figs, almonds, peanuts)	

ANTIHAIL

Specifications	
110-101	Description
Type	74 Q Quatro
Width (m)	2, 2.20, 2.30, 2.40, 2.50, 2.60, 2.70, 2.80, 3.00
Length (m)	50, 100, 200
Weight (gr/m ²)	70
Color	Black, White
UV Stabilizer	5 years
Material	Polyethylene HDPE 100% with reinforced ends, non-tear, applies firmly on the ground
Shading	Black 25% - White 15%
Use	Protection of crops from hail (vines, kiwis, stone fruit, pomegranate trees, cherry trees)
Packaging	Rolls



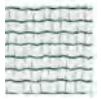
WINDBREAKER

Specifications	
110-102	Description
Type	74 Q Monofilament
Width (m)	3
Length (m)	200
Weight (gr/m ²)	90
Color	White, Dark Green
UV Stabilizer	5 years
Material	Polyethylene HDPE 100%
Shading	White 15% - Dark Green 25%
Use	Windbreaker (watermelon crops, banana crops in outdoor greenhouses, cages & screens)
Packaging	Rolls



BIRD PROTECTION

Specifications	
110-103	Description
Type	74 Q Monofilament
Width (m)	4
Length (m)	100
Weight (gr/m ²)	30
Color	Green
Material	Polyethylene HDPE 100%
UV Stabilizer	5 years
Shading	5%
Use	Protection of agricultural products (fruit) from birds (vines, cherries etc)
Packaging	Rolls



GREENHOUSE INSECT PROTECTION

Specifications	
110-104	Description
Type	74 E Monofilament
Width (m)	1 / 1.20
Length (m)	100
Weight (gr/m ²)	100 / 115 / 120
Color	White
Material	Polyethylene HDPE 100%
UV Stabilizer	5 years
Use	Protection of greenhouses & open-air cultivations from pests (tuta absoluta, blight, aleyrodidae)
Packaging	Rolls



SHADING 25

Specifications	
110-101	Description
Type	74 V Tape
Width (m)	2 / 3 / 4 / 5 / 6 / 8
Length (m)	100
Weight (gr/m ²)	30
Color	Dark Green
Material	Polyethylene HDPE 100%
UV Stabilizer	5 years
Shading	25%
Use	Protection of vegetables & plants, shade structures
Packaging	Rolls



Additional dimensions & weights on request

SHADING 25-35

Specifications	
120-035	Description
Type	74 V Tape
Width (m)	2 / 3 / 4 / 5 / 6 / 8
Length (m)	100
Weight (gr/m ²)	35
Color	Light Green, Dark Green
UV Stabilizer	Polyethylene HDPE 100%
Material	5 years
Shading	Light Green 25% - Dark Green 35%
Use	Protection of vegetables & plants, shade structures
Packaging	Rolls



SHADING 35-45

Specifications	
120-045	Description
Type	74 V Tape
Width (m)	2 / 3 / 4 / 5 / 6 / 8
Length (m)	100
Weight (gr/m ²)	45
Color	Light Green, Dark Green
Material	Polyethylene HDPE 100%
UV Stabilizer	5 years
Shading	Light Green 35% - Dark Green 45%
Use	Protection of vegetables & plants, shade structures
Packaging	Rolls



SHADING 50

Specifications	
120-050	Description
Type	74 V Tape
Width (m)	2 / 3 / 4 / 5 / 6 / 8
Length (m)	100
Weight (gr/m ²)	60
Color	Light Green
Material	Polyethylene HDPE 100%
UV Stabilizer	5 years
Shading	50%
Use	Protection of vegetables & plants, shade structures, scaffolding
Packaging	Rolls



SHADING 80

Specifications	
120-0480	Description
Type	74 V Tape
Width (m)	2 / 3 / 4 / 5 / 6 / 8
Length (m)	100
Weight (gr/m ²)	70
Color	Dark Green
Material	Polyethylene HDPE 100%
UV Stabilizer	5 years
Shading	50%
Use	Protection of vegetables & plants, shade structures, snail farms
Packaging	Rolls



SHADING 80-90

Specifications	
120-050	Description
Type	74 T Tape
Width (m)	1 / 2 / 3 / 4 / 5 / 6
Length (m)	50
Weight (gr/m ²)	150
Color	Light Green, Dark Green
Material	Polyethylene HDPE 100%
UV Stabilizer	5 years
Shading	Light Green 80% - Dark Green 90%
Use	Protection of vegetables & plants, shade structures, snail farms
Packaging	Rolls





OLIVE COLLECTION & ROOT BARRIER

OLIVE COLLECTION FABRIC

Specifications	
130-075	Description
Type	75 DE
Dimensions (m)	4x6/ 4x8/ 4x10/ 5x8/ 5x10/ 5x12/ 6x10/ 6x12
Weight (gr/m ²)	100
Color	Beige
Material	PP - 100% high quality polypropylene
Use	Collection of olives, peanuts & almonds
Packaging	35 - 100 pieces / pallet, depending on dimension



ROOT BARRIER

Specifications	
140-000	Description
Type	74 Q Quatro
Dimensions (m)	2 / 2.5 & 4 / 5 / 6 (folded in two)
Weight (gr/m ²)	50, 65, 80, 100
Color	60
Material	Black
Use	Rolls
Packaging	Polyethylene HDPE 100% with reinforced ends, non-tear, applies firmly on the ground



NON WOVEN FABRICS | PROTECTION

CROP COVER

Specifications	
150-071	Description
Type	71 NW CROPCOVER
Width (m)	1.60 / 3.20 / 6.10
Length (m)	500
Weight (gr/m ²)	17, 18, 19, 23, 30
Color	White
Material	PP - 100% polypropylene nonwoven fabrics, with enhanced UV resistance
Use	Plant protection from frost, snow, hail, strong wind, insects
Packaging	Rolls



WEATHER PROTECTION COVER

Specifications	
160-075	Description
Type	75 DE
Dimensions (m)	10.40x12.50 / 10.40x25
Weight (gr/m ²)	140
Color	Green
Material	PP - 100% high quality polypropylene
Use	Protection of straw bales & sugar beets during outdoor storage, protection of indoors stored goods
Packaging	3 - 6 pieces / pallet, depending on dimension



WOVEN & NON WOVEN FABRICS | PROTECTION

GROUND COVER

Specifications	
170-007	Description
Type	7 D GROUND COVER
Width (m)	1.05/2.10/3.20 & 4.20/ 5.25 (folded in two)
Length (m)	100
Weight (gr/m ²)	100
Color	Black, White, Green / 15x15 cm squares
Material	PP - 100% high quality polypropylene
UV Stabilizer	Black - 5 years, White - 2 years, Green - 3 years
Use	Protection of crops from pests, support to new cultivations
Packaging	Rolls



MULCHING

Specifications	
180-000	Description
Type	MULCHING
Width (m)	0.8 / 1 / 1.6
Length (m)	200
Weight (gr/m ²)	50 - 100
Color	Black
Material	PP - 100% high quality polypropylene
UV Stabilizer	3 years
Use	Protection of crops from pests, support to new cultivations
Packaging	Rolls



Also available in Brown, Black-Brown, Black-Green, Black-White

ARBORICULTURE CORD	Specifications	
	190-070	Description
	Type	70 P PLASTIC CORD
	Ext.Dia. (mm)	2.5 / 3 / 4 / 5
	Color	Green, Yellow
	Material	PVC
	UV Stabilizer	Yes
	Use	Tying trees & branches
	Packaging	1kg or 2kg skein in packs of 12 pieces



BALER TWINE	Specifications				Weight
	71 Z	Color	Denier	m/Kg	kg/reel
	200-000	White	45000	200	6
	350-000	Light Blue	32000	270	5



Material PP | With UV Protection

GREENHOUSE TWINE	Specifications				Weight
	code	Color	Denier	m/Kg	kg/reel
	700 - 150	Light Green	6000	1500	1/2
	701 - 150	Light Green	6000	1500	1
	702 - 151	Light Green	6000	1500	2
	700 - 120	Light Green	7500	1200	1/2



Material PP | With UV Protection

GREENHOUSE TWINE	Specifications				Weight
	code	Color	Denier	m/Kg	kg/reel
	701 - 120	Light Green	7500	1200	1
	702 - 120	Light Green	7500	1200	2
	701 - 100	Light Green	9000	1000	1
	702 - 100	Light Green	9000	1000	2



Material PP | With UV Protection

FRUIT COVER ON TUBULAR ROLLS

BUNCH COVER BAG	Specifications	
	170-007	Type
	Semi-perimeter	80cm
	Length (m)	500, 3000
	Weight (gr/m ²)	17, 18, 19, 23, 30
	Color	White
	Material	PP - 100% polypropylene nonwoven fabrics, with enhanced UV resistance
	Use	Plant protection from frost, snow, hail, strong wind, insects
	Packaging	Rolls



For covering
dates, bananas,
apples, grapes and
other fruits





PLASTIC FILMS



FILMS

SAFE D SOFT FRUIT PROTECTION

Code	Model	Thickness
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41715171	SAFE-D	200-250
41715172	SAFE-D VENTOA	



Thickness: 550-650µm at the binding points section, smoothly drops to 200-250µm
Special binding points | The film can withstand winds of more than Force 8

GREENHOUSE FILM SPECIAL

Code	Model	Thickness
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41715174		
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Special tube for transferring the warm air in the greenhouse house | Easy installation
Gutter easy-applicable

DALIN POCKET THERMIC

Code	Widths	Thickness
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41715176	1,40-1,60-1,80 2,00-2,20	50
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Brilliant solution for growing green asparagus, improves quality while facilitates
earlier crop growth | Also available in 100 microns for 3 seasons usage

DALIN POCKET BLACK&WHITE

Code	Widths	Thickness
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41715178	1,40 - 1,60	100 - 150
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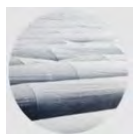


Non-transparent 3-layer film for covering asparagus

DALIN POCKET THERMIC for WHITE ASPARAGUS

Code	Widths	Color
------	--------	-------

41715180		TRANSPARENT
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Transparent plastic film employed to activate the asparagus cultivation | Includes
cutting edge technology plastic films

GREENHOUSE FILM

Code	Widths	Thickness
------	--------	-----------

41715173		
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Wide range of specialized greenhouse films for crops protection & suitable conditions
for their growth | Several UV stabilization systems | Different properties

DALIN POCKET ADVANCE

Code	Widths	Thickness
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41715175		
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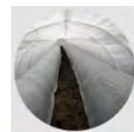


Patented product | Smartly designed valve facilitates the filling of Pockets, once soil
enters the pocket is trapped | Rain water escapes via micro perforated holes

DALIN POCKET EASYFILL

Code	Widths	Thickness
------	--------	-----------

41715177		
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Patented product bearing a Pocket type that facilitates filling the pockets of the film
with soil | Special design ease for use, Less time to fill the pockets saving costs

DALIN POCKET BLACK&WHITE STRIPE

Code	Widths	Thickness
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41715179		
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Used for covering asparagus throughout the season and it can be employed for two
consecutive seasons.

DALIN LOW TUNNELS

Code	Specifications	Color
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41715181-1	17mu	TRANSPARENT
Great elasticity - Protection against bad weather condition		
41715181-2	17mu	SILVER
Lowers the peak of temperature in daylight & keeps it in good levels in the night		
41715181-3	50mu	THERMIC
Protects crops against frost - Earlier production - Also available in Silver type		



MULCH FILM PERFORATED

Code	Widths	Thickness
	m	μm



41715182

No additional effort is required from the grower to cut the film before planting | Ease of mind, labor cost savings.

MULCH FILM BLACK & WHITE

Code	Widths	Thickness
	m	μm



41715184

25

Thin with good mechanical properties | Reflect the sunbeams | Much Cooler Soil temperatures during extremely hot weather | Better crop colorization - good for strawberries

MULCH FILM DALIN BLACK

Code	Widths	Thickness
	m	μm



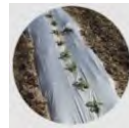
41715186

15

Very thin with great mechanical properties | Good temperature in the ground | Earliness in the harvesting | Cost Effective | Good weed control

MULCH FILM BLACK & SILVER

Code	Widths	Thickness
	m	μm



41715183

15

Very thin with great mechanical properties | Reflects the sunbeams | Cooler soil temperatures during extremely hot weather | Repels insects - Healthier crops

MULCH FILM DALIN BROWN

Code	Widths	Thickness
	m	μm



41715185

20

Thin with good mechanical properties | Allows the heat to pass during the day | Prevents the temperature loss in the night | Earliness in the harvesting | Good weed control | Very good for early crops

MULCH FILM DALIN TRANSPARENT

Code	Widths	Thickness
	m	μm



41715187

10

Very thin with great mechanical properties | High temperature in the ground | Earliness in the harvesting | Cost Effective | No weed control



SUPPORTING & PROTECTION



SOLUTIONS

Design and implementation of the best technical solutions for the vineyards and orchards of our customers, following the options related to their needs and supporting them throughout the life of the installed systems.

By choosing a Valente system, you invest in success.

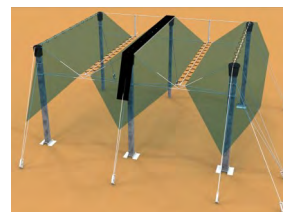


ANTI-RAIN SYSTEM



Anti-Rain system consists of a tensile structure made of concrete posts that are connected to each other by wires and cables and kept under tension by the anchorages (anchors or cement plates) installed in the ground.

The cover consists of an anti-rain film and, if needed, an anti-hail net, which are simultaneously opened to protect the plants against adverse weather conditions.

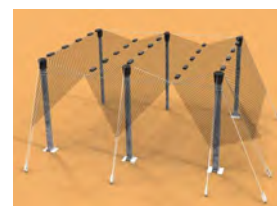


ANTI-HAIL SYSTEM



Anti-Hail system consist of a tensile structure made of concrete posts that are connected to each other by wires and cables and kept under tension by the anchorages (anchors or cement plates) installed in the ground.

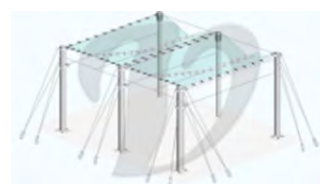
Above this structure, a net fully covers the rows of fruit plants. The net is fixed film by film and is slightly larger than the rows, until achieving an inclined position aimed to confer the right amount of elasticity to bear stress from hail. Furthermore, between one film and the other, small openings allow hail stones to flow out.



SHADING SYSTEM



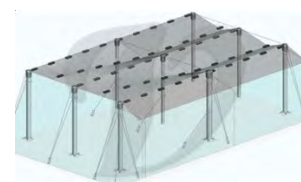
SIKURO SOLE PLUS system has a max. height of 5 m above the ground and can protect all orchards cultivated with V-shape, vase or for tall plants, plant nurseries and full plant structures. Structure is built with P.R.C. posts set at a max. distance of 8 m, connected lengthwise and transversally with wires and cables anchored to the ground all along the perimeter, ensuring safety and stability.



INSECT-PROOF SYSTEM



Insect-Proof system The real "cancer" of orchards are insects such as the *Drosophila Suzukii*, the so-called "fruit fly", that has laid siege to European orchards in the last few years striking different species of fruit and *Carpocapsa*, a little butterfly or moth, lethal for apple trees, which is pink larvae with brown head penetrate fruit while still green, digging out tunnels until reaching the seeds.



ORCHARDS



The structure of each system depends on the customer's type of cultivation. The type of plantation can now be summarized into five categories (Spindel, Superspindel, V-shaped, Y-shaped, Vase and Pergola), which are the most technologically advanced international standard structures that ensure quality production standards.

The type of plantation is designed according to several variables. The most important variables are:

- the land and climatic conditions of the area
- the types of plants, their rootstocks and density
- the possibility to protect plants from the weather
- the most suitable irrigation system
- protection against frost

VINEYARDS



Choosing the right type of installation depends on an in-depth technical study. A vineyard should be designed around the mechanical operation of the various crops and protection from the weather should be taken into account when planting vines. There are many choices to be made and most decisions are made while the system is installed: this is why it requires a precision system.

In order to choose the most appropriate solution, farmer must be able to rely on the experience, reliability and professionalism of experts.

Most common systems:

- Espalier
- Pergola/GDC
- Free Cordon

SAFE AND RESISTANT SYSTEMS BASED ON ADVANCED TECHNOLOGY

CONTACT US FOR THE RIGHT SYSTEM BASED ON YOUR NEEDS

One Source Irrigation & Water Supply Company

INTRA TRADING & CONSULTING

Offices:

Mitropoleos Str. 20
546 24, Thessaloniki
Greece

www.intra.gr
email: sales@intra.gr
Tel. +30 2310 580 060

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