

intra

IRRIGATION

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



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CATALOGUE



PIPES, MICROTUBES

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HYDROPAL HDPE 100, MRS 10 EN12201-2 Potable
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SUPER PAL
Tying Tube
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Agroflat M
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PIPES | TUBES MICROTUBES



PIPES & TUBES

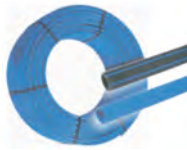
Wide range of pipe and related accessories to cover all types of domestic and professional irrigation



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) code	10 ATM (SDR 13.6) code	16 ATM (SDR 9) 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 code	Specifications mm	Packing pc/box	Model code	Specifications mm	Packing 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

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 Φ5 (without nozzle)



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

Microtube Dripper Hose PE Φ3.2

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%.

CHARACTERISTICS

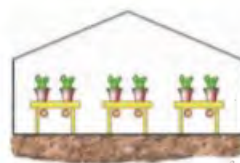
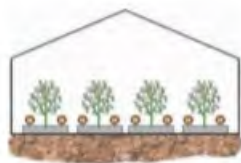
GEOPAL pipe is manufactured from raw random polyethylene (PE-100) for implementation in greenhouse heating and hot water applications at low pressure networks. The "wave-like" configuration of the pipe offers larger thermal surface compared to other pipes of the same dimension, while it allows small 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)	
			Working	Rupture
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)	
			Working	Rupture
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)	
			Working	Rupture
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)	
			Working	Rupture
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)	
			Working	Rupture
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)	
			Working	Rupture
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	1,3
0,50	0,8	0,9	1,0	1,1	1,1	1,2	1,3
1,00	0,8	0,9	0,9	1,0	1,0	1,0	1,0
1,50	0,7	0,8	0,9	0,9	0,9	1,0	1,0
2,00	0,6	0,7	0,9	1,0	1,1	1,2	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	1,3	1,4	1,4	1,6	1,6	1,6
0,50	1,2	1,2	1,3	1,4	1,4	1,4	1,5
1,00	1,0	1,2	1,3	1,3	1,3	1,3	1,3
1,50	0,8	1,1	1,2	1,2	1,2	1,1	1,1
2,00	0,7	0,9	1,2	1,2	1,3	1,4	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	2,3
0,50	1,5	1,6	1,7	1,8	1,8	2,0	2,2
1,00	1,4	1,6	1,7	1,8	1,8	1,9	1,9
1,50	1,2	1,6	1,6	1,7	1,7	1,7	1,6
2,00	1,0	1,5	1,6	1,7	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	2,0	2,1
0,50	-	1,6	1,8	1,8	2,1	2,1	2,1
1,00	-	1,3	1,6	1,8	2,0	2,0	2,0
1,50	-	1,2	1,7	1,8	1,9	1,9	1,8
2,00	-	1,0	1,6	1,7	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

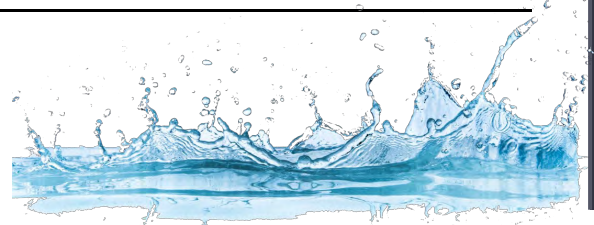



Model	Specifications	Packing
Code	mm Color	Pcs/box
30540006	6 Black	20000H
30541006	6 Red	20000H
30541008	8 Grey	10000H

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
	Code	mm	Pcs/box
	31170606	6 x 6	30000H

MINI TEE INDENTED	Model	Specifications	Packing
	Code	mm	Pcs/box
	31150444	4 x 4 x 4	30000E
	Code	mm	Pcs/box
	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
	Code	mm	Pcs/box
	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
	Code	mm	Pcs/box
	31010606	6 x 6	30000H
	Code	mm	Pcs/box
	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
	Code	mm	Pcs/box
	30660005	5	40000H
	Code	mm	Pcs/box
	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°

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

SUPPORT SPIKE 30° with disk

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



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

DISTRIBUTION MANIFOLD

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



Suitable for AXIOS & AGRAS dripper and microtube 5mm

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

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

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

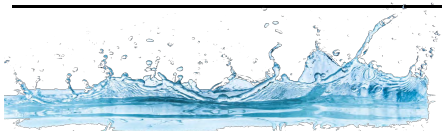


Model	Specifications	Packing
code	D(m)	box
3026/****	Medium Spike	300H
3027/****	Large Spike	300H
Spike Φ8 (Black) + pipe PVC Φ7 + adaptor 6mm		

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-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-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-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-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-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-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-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-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" & 1" F	Full	1,5-3,5
St.steel, Plastic		Adjustable	



Product Weight 0.40 kg | Product Length 120.00 mm
Product Width 65.00 mm | Product Height 135.00 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-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-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	box
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 SOCKET SOLVENT GLUING



Model	Specifications	Packing
code	int-ext-MT	atm
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
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 SOCKET SOLVENT GLUING



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

UNION FEMALE THREADED- SOLVENT GLUING



Model	Specifications	Packing
code	mm-inch	atm
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

MINI VALVES PN4

GROMMET SAFETY

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

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



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.

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

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

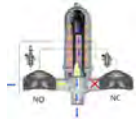
FLOAT VALVE with MANUAL COMMAND



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

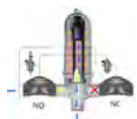


for filter automation

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

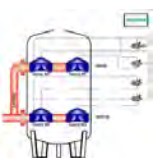


for filter automation

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

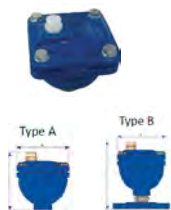


for filter automation

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 an 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

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



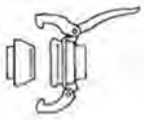
GALVANIZED COUPLINGS



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



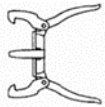
Model	Size	Packing
code	mm	
P10-001	70	
P10-002	89	
P10-003	108	
P10-004	120	
P10-005	150	

CONNECTOR



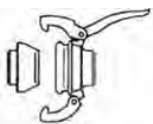
Model	Size	Packing
code	mm	
P9-001	70	
P9-002	89	
P9-003	108	
P9-004	120	
P9-005	150	

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



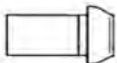
Model	Size	Packing
code	mm	
P11&21-001	70	
P11&21-002	89	
P11&21-003	108	
P11&21-004	120	
P11&21-005	150	

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



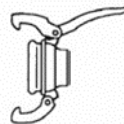
Model	Size	Packing
code	mm	
P2&9-001	70	
P2&9-002	89	
P2&9-003	108	
P2&9-004	120	
P2&9-005	150	

RUBBER RING



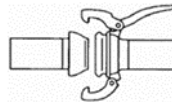
Model	Size	Packing
code	mm	
P8-001	70	
P8-002	89	
P8-003	108	
P8-004	120	
P8-005	150	

FEMALE PLUG



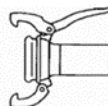
Model	Size	Packing
code	mm	
P21-001	70	
P21-002	89	
P21-003	108	
P21-004	120	
P21-005	150	

ENDPIPE COUPLING

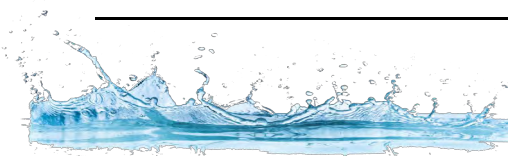


Model	Size	Packing
code	mm	
P13&22-001	70	
P13&22-002	89	
P13&22-003	108	
P13&22-004	120	
P13&22-005	150	

FEMALE ENDDPIPE

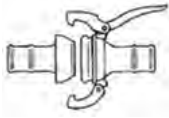


Model	Size	Packing
code	mm	
P22-001	70	
P22-002	89	
P22-003	108	
P22-004	120	
P22-005	150	



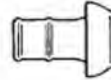
HOSE COUPLING

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	



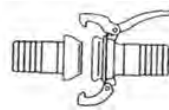
MALE HOSE MOUTHPIECE

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	



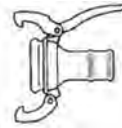
SPIRAL COUPLING

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	



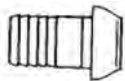
FEMALE HOSE MOUTHPIECE

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	



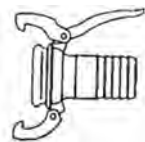
SPIRAL MALE MOUTHPIECE

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	



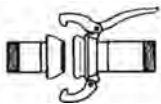
SPIRAL FEMALE MOUTHPIECE

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	



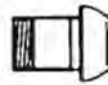
COUPLING WITH EXTERNAL THREAD

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"	



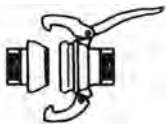
MALE MOUTHPIECE EXTERNAL THREAD

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"	



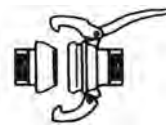
COUPLING WITH INTERNAL THREAD

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

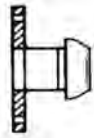
Model	Size	Packing
code	mm-inch	
P25-001	70x1.5"	
P25-002	70x2"	
P25-003	70x2.5"	
P25-004	70x3"	
P25-005	89x1.5"	
P25-006	89x2"	
P25-007	89x2.5"	
P25-008	89x3"	
P25-009	89x4"	
P25-010	108x3"	
P25-011	108x4"	
P25-012	120x5"	
P25-013	150x6"	





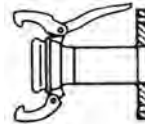
GALVANIZED COUPLINGS

FLANGE WITH MALE COUPLING



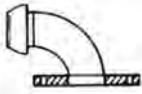
Model	Size	Packing
code	mm	
P29-001	70X65	
P29-002	70X80	
P29-003	89X65	
P29-004	89X80	
P29-005	89X100	
P29-006	108X80	
P29-007	108X100	
P29-008	108X125	
P29-009	120X125	
P29-010	150X150	

FLANGE WITH FEMALE COUPLING



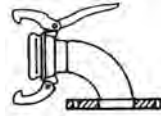
Model	Size	Packing
code	mm	
P30-001	70X65	
P30-002	70X80	
P30-003	89X65	
P30-004	89X80	
P30-005	89X100	
P30-006	108X80	
P30-007	108X100	
P30-008	108X125	
P30-009	120X125	
P30-010	150X150	

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.



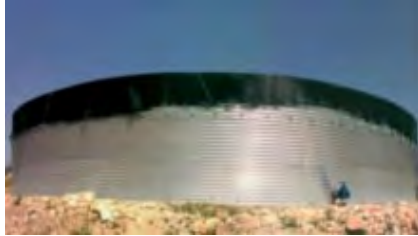
	height	diameter	volume		height	diameter	volume
	(m)	(m)	(m ³)		(m)	(m)	(m ³)
1	1,68	1,91	5	26	2,52	14,33	406
2	2,52	1,91	7	27	2,52	15,29	463
3	3,36	1,91	10	28	2,52	16,24	522
4	2,52	2,87	16	29	1,68	21,02	583
5	3,36	2,87	22	30	3,36	15,29	617
6	1,68	4,78	30	31	2,52	18,15	652
7	3,36	3,82	39	32	2,52	19,11	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.