



Shade Net Ltd

Nets & Drip Irrigation for Agriculture & Horticulture



SHADE NET **PRODUCT CATALOGUE** 2023

Empowering People
through Growth in
Agri-Business



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ABOUT US

Shade Net Limited started manufacturing Drip irrigation, HDPE pipes and shade netting in 1996 and through the years it has grown in tandem with the floriculture & horticulture sectors as well as the telecommunication sector.

Following years of manufacturing experience and continuous knowledge building, we are capable of offering high quality products for all irrigation, shade and piping needs at competitive prices.

We serve a large and diverse consumer base, ranging from large scale commercial farmers to small scale home farmers and hardwares. On top of Kenya, we also export to Tanzania, Ethiopia, Burundi, Uganda, Sudan and Congo.

WHO WE ARE

Shade Net Limited roots date to 1975 when Retifico Padano (parent company) was founded in Northern Italy. Thanks to the technical and commercial knowledge developed there and a spirit of entrepreneurship, we established Shade Net Limited in Kenya in 1993.

Since then we have become a trusted supplier to the horticulture and floriculture markets in East Africa.

Thanks to our wide client base spanning large scale international growers, small scale private farmers as well as hardware stores, we have developed a range of products for all their needs. Over the course of the company's lifetime we have heavily invested in new technologies and machinery from Italy and Germany.

We offer two key products lines:

- **Irrigation/water transport:-** HDPE pipes, drip irrigation, PVC pipes, flexible conduit pipes and all types of HDPE fittings.
- **Netting/crop support:-** shade netting, ground cover, insect net, support net, germination net and nylon ropes.





FOR

YOU

IRRIGATION



HDPE PIPES

Code	Diameter	Pressure ratings (PN)	Description
IR001	12mm	6, 8, 10	<ul style="list-style-type: none"> • Manufactured using 100% virgin HDPE PE100 • Can be used in low pressure and high-pressure settings • Ideal for carrying water over long distances • From sizes 75mm to 400mm the pipes can be welded by butt fusion without the need for connectors
IR002	16mm	6, 8, 10	
IR003	20mm	6, 8, 10	
IR004	25mm	6, 8, 10, 12.5, 16, 20	
IR005	32mm	6, 8, 10, 12.5, 16, 20, 25	
IR006	40mm	6, 8, 10, 12.5, 16, 20, 25	
IR007	50mm	6, 8, 10, 12.5, 16, 20, 25	
IR008	63mm	6, 8, 10, 12.5, 16, 20, 25	
IR009	75mm	6, 8, 10, 12.5, 16, 20, 25	
IR0010	90mm	6, 8, 10, 12.5, 16, 20, 25	
IR0011	110mm	6, 8, 10, 12.5, 16, 20, 25	
IR0012	125mm	6, 8, 10, 12.5, 16, 20, 25	
IR0013	140mm	6, 8, 10, 12.5, 16, 20, 25	
IR0014	160mm	6, 8, 10, 12.5, 16, 20, 25	
IR0015	200mm	6, 8, 10, 12.5, 16, 20, 25	
IR0016	225mm	6, 8, 10, 12.5, 16, 20, 25	
IR0017	250mm	6, 8, 10, 12.5, 16, 20, 25	
IR0018	280mm	6, 8, 10, 12.5, 16, 20, 25	
IR0019	315mm	6, 8, 10, 12.5, 16, 20, 25	
IR0020	355mm	6, 8, 10, 12.5, 16, 20, 25	
IR0021	400mm	6, 8, 10, 12.5, 16, 20, 25	

IRRIGATION - U-PVC PIPES



U-PVC PIPES

U-PVC IN MILLIMETERS

Code	Diameter	Pressure ratings (PN)	Description
IR0034	50mm	6, 8, 10, 12.5, 16	<ul style="list-style-type: none"> Manufactured using 100% virgin PVC resin UV stabilized
IR0035	63mm	6, 8, 10, 12.5, 16	
IR0036	75mm	6, 8, 10, 12.5, 16	
IR0037	90mm	6, 8, 10, 12.5, 16	
IR0038	110mm	6, 8, 10, 12.5, 16	
IR0039	160mm – Available from March 2020	6, 8, 10, 12.5, 16	



PPR PIPES

PPR PIPES IN MILLIMETERS

Code	Diameter	Pressure ratings (PN)	Description
IR0040	20mm	16, 20, 25	<ul style="list-style-type: none"> Manufactured using 100% virgin PPR material UV stabilized Long durability For use with cold or hot water
IR0041	25mm	16, 20, 25	
IR0042	32mm	16, 20, 25	
IR0043	40mm	16, 20, 25	
IR0044	50mm	16, 20, 25	
IR0045	63mm	16, 20, 25	
IR0046	75mm	16, 20, 25	
IR0047	90mm	16, 20, 25	
IR0048	110mm	16, 20, 25	

IRRIGATION - DRIP LINES



VICTORIA DRIP LINES

DRIPLINE – MEDIUM WALLED NON-PC DRIPLINES

0.4mm / 16 mil			
Code	Spacing	Flow rate at 1 bar	Roll length meters
IR011	10cm	2.3	1,000/1500
IR012	10cm	1.6	1,000/1500
IR013	10cm	1.4	1,000/1500
IR014	10cm	1.2	1,000/1500
IR015	15cm	2.3	1,000/1500
IR016	15cm	1.6	1,000/1500
IR017	15cm	1.4	1,000/1500
IR018	15cm	1.2	1,000/1500
IR019	20cm	2.3	1,000/1500
IR020	20cm	1.6	1,000/1500
IR021	20cm	1.4	1,000/1500
IR022	20cm	1.2	1,000/1500
IR023	30cm	2.3	1,000/1500
IR024	30cm	1.6	1,000/1500
IR025	30cm	1.4	1,000/1500
IR026	30cm	1.2	1,000/1500
IR027	45cm	2.3	1,000/1500
IR028	45cm	1.6	1,000/1500
IR029	45cm	1.4	1,000/1500
IR030	45cm	1.2	1,000/1500
IR031	60cm	2.3	1,000/1500
IR032	60cm	1.6	1,000/1500
IR033	60cm	1.4	1,000/1500
IR034	60cm	1.2	1,000/1500

IRRIGATION - DRIP LINES

DRIPLINE – MEDIUM WALLED NON-PC DRIPLINES

0.3mm / 12 mil			
Code	Spacing	Flow rate at 1 bar	Roll length meters
IR015	15cm	2.3	1,000/1500
IR016	15cm	1.6	1,000/1500
IR017	15cm	1.4	1,000/1500
IR018	15cm	1.2	1,000/1500
IR019	20cm	2.3	1,000/1500
IR020	20cm	1.6	1,000/1500
IR021	20cm	1.4	1,000/1500
IR022	20cm	1.2	1,000/1500
IR023	30cm	2.3	1,000/1500
IR024	30cm	1.6	1,000/1500
IR025	30cm	1.4	1,000/1500
IR026	30cm	1.2	1,000/1500

IRRIGATION - DRIP LINES

DRIPLINE – MEDIUM WALLED NON-PC DRIPLINES

0.5mm / 20 mil			
Code	Spacing	Flow rate at 1 bar	Roll length meters
IR035	10cm	2.3	1,000/1500
IR036	10cm	1.6	1,000/1500
IR037	10cm	1.4	1,000/1500
IR038	10cm	1.2	1,000/1500
IR039	15cm	2.3	1,000/1500
IR040	15cm	1.6	1,000/1500
IR041	15cm	1.4	1,000/1500
IR042	15cm	1.2	1,000/1500
IR043	20cm	2.3	1,000/1500
IR044	20cm	1.6	1,000/1500
IR045	20cm	1.4	1,000/1500
IR046	20cm	1.2	1,000/1500
IR047	30cm	2.3	1,000/1500
IR048	30cm	1.6	1,000/1500
IR049	30cm	1.4	1,000/1500
IR050	30cm	1.2	1,000/1500
IR051	45cm	2.3	1,000/1500
IR052	45cm	1.6	1,000/1500
IR053	45cm	1.4	1,000/1500
IR054	45cm	1.2	1,000/1500
IR055	60cm	2.3	1,000/1500
IR056	60cm	1.6	1,000/1500
IR057	60cm	1.4	1,000/1500
IR058	60cm	1.2	1,000/1500

DRIPLINE – THICK WALLED NON-PC DRIPLINES

0.6mm / 24 mil			
Code	Spacing	Flow rate at 1.5 bar	Roll length meters
IR059	10cm	2.3	1,000/1500
IR060	10cm	1.6	1,000/1500
IR061	10cm	1.4	1,000/1500
IR062	10cm	1.2	1,000/1500
IR063	15cm	2.3	1,000/1500
IR064	15cm	1.6	1,000/1500
IR065	15cm	1.4	1,000/1500
IR066	15cm	1.2	1,000/1500
IR067	20cm	2.3	1,000/1500

IRRIGATION - DRIP LINES

DRIPLINE – THICK WALLED NON-PC DRIPLINES

IR068	20cm	1.6	1,000/1500
IR069	20cm	1.4	1,000/1500
IR070	20cm	1.2	1,000/1500
IR071	30cm	2.3	1,000/1500
IR072	30cm	1.6	1,000/1500
IR073	30cm	1.4	1,000/1500
IR074	30cm	1.2	1,000/1500
IR075	45cm	2.3	1,000/1500
IR076	45cm	1.6	1,000/1500
IR077	45cm	1.4	1,000/1500
IR078	45cm	1.2	1,000/1500
IR079	60cm	2.3	1,000/1500
IR080	60cm	1.6	1,000/1500
IR081	60cm	1.4	1,000/1500
IR082	60cm	1.2	1,000/1500

0.8mm / 32 mil			
Code	Spacing	Flow rate at 1.5 bar	Roll length meters
IR083	10cm	2.3	500
IR084	10cm	1.6	500
IR085	10cm	1.4	500
IR086	10cm	1.2	500
IR087	15cm	2.3	500
IR088	15cm	1.6	500
IR089	15cm	1.4	500
IR090	15cm	1.2	500
IR091	20cm	2.3	500
IR092	20cm	1.6	500
IR093	20cm	1.4	500
IR094	20cm	1.2	500
IR095	30cm	2.3	500
IR096	30cm	1.6	500
IR097	30cm	1.4	500
IR098	30cm	1.2	500
IR099	45cm	2.3	500
IR0100	45cm	1.6	500
IR0101	45cm	1.4	500
IR0102	45cm	1.2	500
IR0103	60cm	2.3	500
IR0104	60cm	1.6	500
IR0105	60cm	1.4	500
IR0106	60cm	1.2	500

IRRIGATION - DRIP LINES

Code	Spacing	Flow rate at 1.5 bar	Roll length meters
IR0107	10cm	2.3	500
IR0108	10cm	1.6	500
IR0109	10cm	1.4	500
IR0110	10cm	1.2	500
IR0111	15cm	2.3	500
IR0112	15cm	1.6	500
IR0113	15cm	1.4	500
IR0114	15cm	1.2	500
IR0115	20cm	2.3	500
IR0116	20cm	1.6	500
IR0117	20cm	1.4	500
IR0118	20cm	1.2	500
IR0119	30cm	2.3	500
IR0120	30cm	1.6	500
IR0121	30cm	1.4	500
IR0122	30cm	1.2	500
IR0123	45cm	2.3	500
IR0124	45cm	1.6	500
IR0125	45cm	1.4	500
IR0126	45cm	1.2	500
IR0127	60cm	2.3	500
IR0128	60cm	1.6	500
IR0129	60cm	1.4	500
IR0130	60cm	1.2	500

DRIPLINE – THICK WALLED PCND DRIPLINES

0.8mm / 32 mil			
Code	Spacing	Flow rate at 1.5 bars	Roll length meters
IR0131	15cm	1.2	500
IR0132	15cm	1.6	500
IR0133	20cm	1.2	500
IR0134	20cm	1.6	500
IR0135	30cm	1.2	500
IR0136	30cm	1.6	500
IR0137	45cm	1.2	500
IR0138	45cm	1.6	500
IR0139	60cm	1.2	500
IR0140	60cm	1.6	500

IRRIGATION - DRIP LINES

1.0mm / 40 mil			
Code	Spacing	Flow rate at 1.5 bar	Roll length meters
IR0141	15cm	1.2	500
IR0142	15cm	1.6	500
IR0143	20cm	1.2	500
IR0144	20cm	1.6	500
IR0145	30cm	1.2	500
IR0146	30cm	1.6	500
IR0147	45cm	1.2	500
IR0148	45cm	1.6	500
IR0149	60cm	1.2	500
IR0150	60cm	1.6	500

IRRIGATION - NETAFIM DRIPLINES



Driplines



NETAFIM

Code	Diameter	Spacing	Flow Rate	Wall Thickness
Uniram 16009	16mm	0.2m	1.0lph	0.9mm
Uniram 16009	16mm	0.2m	1.6lph	0.9mm
Dripnet PC 12150	12mm	0.2m	1.0lph	0.38mm
Dripnet PC 16150	16mm	0.2m	1.0lph	0.38mm
Dripnet PC 16009	16mm	0.5m	1.0lph	0.90mm
Typhoon Plus 16150	16mm	0.2m	1.0lph	0.38mm
Typhoon Plus 12150	12mm	0.2m	1.0lph	0.38mm
Filtrations systems	on order			
Fertigation systems	on order			
Electric valves	on order			

IRRIGATION - PIPES



SPRAY/ HOSE PIPES

HOSE PIPES AND SPRAY PIPES

Code	Item	Outer Diameter	Roll length meters
IR1001	Green braided hose pipe	3/4" / 25mm	50
IR01002	Green braided hose pipe	1/2" / 16mm	50
IR01004	High pressure spray pipe	3/8" / 19.5mm	100
IR01005	High pressure spray HDPE mainline	20mm X 12	100
IR01006	High pressure spray HDPE mainline	28mm X 18	100
IR01007	High pressure spray HDPE mainline	32mm X 19	100





Ref	Size
IR1008	32MM / 1"

RAIN HOSE PIPES



Ref	Size
IR1009	2" , 3"

GREEN SUCTION PIPES



Ref	Size
IR1010	2" , 3"

STEEL REINFORCED SUCTION PIPES

IRRIGATION - FITTINGS



FITTINGS

DRIP FITTINGS

DNG

Pressure compensating button dripper

Ref	Flow Rate
IMDNG2000A020	2 l/h
IMDNG2000V040	4 l/h
IMDNG2000R080	8 l/h

DCG

Normal button dripper

Ref	Flow Rate
IMDCG2000A020	2 l/h
IMDNG2000V040	4 l/h
IMDNG2000R080	8 l/h

DNA

Adjustable button dripper

Ref	Flow Rate
IMDNA2000NDOF	0 -40 l/h

DRU

Barbed Offtake with rubber

Ref	D	Hole
IIDRU2000N160	16	17mm

AFL

Figure eight drip closure

Ref	Diameter
IIAFL2000N160	16 mm

850

Drip to Drip black type

Ref	Size
IE8505000N00T	16 mm

851

PE to Drip

Ref	Size
IE8515000N16T	16 mm

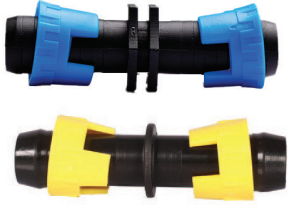
863

Offtake with rubber lock type

Ref Size	Hole
IE8635000N00T	16mm

IRRIGATION - FITTINGS

DRIP FITTINGS



881

Drip to Drip yellow type

Ref	Size
IE8802000N00T	16 mm



880

Drip endcap yellow type

Ref	Size
IE8812000N00T	16 mm



890

Drip to drip green type

Ref	Size
IE8902000N00T	16 mm



891

Drip endcap green type

Ref	Size
IE8912000N00T	16 mm



VTT

Mini Valve drip to drip

Ref	Size
IVVTT2700N00T	16 mm



VPP

Mini Valve pe to pe

Ref	Size
IVVPP2700N200	16 mm



VRP

Mini Valve mainline to PE with rubber

Ref	Size
IVVRP2700N160	16 mm



VRT

Mini valve direct with rubber

Ref	Size
IVVRT2700N00T	16 mm



070

Mini Valve pe to drip

Ref	Size
IVVTT2700N00T	16 mm



019

Mini Valve direct to drip

Ref	Size
IVVTT2700N00T	16 mm



020

Mini Valve pe to pe

Ref	Size
IVVTT2700N00T	16 mm



041

Mini Valve direct to pe

Ref	Size
IVVTT2700N00T	16 mm

IRRIGATION - FITTINGS

VALVES AND FILTRATION



YCV

Mesh filter type C

Ref	G	Flow Rate	PN	Cartridge
IFYCVCPLM2SON	¾"	5 m³/h	10 bar	Polyester
IFYCVDILM2SON	1"	5 m³/h	10 bar	S.S.
IFYEVFPLM2CON	1½"	10 m³/h	10 bar	Polyester
IFYFVGPLM2CON	2"	20 m³/h	10 bar	Polyester
IFYHGIPLM2CON	3"	50 m³/h	10 bar	Polyester



YCV

Disc filter type -Y

Ref	G	Flow Rate	PN	Cartridge
IFYEVFPLM2CON	1½"	20 m³/h	10 bar	Disc
IFYEVFPLM2CON	2"	25 m³/h	10 bar	Disc
IFYEVFPLM2CON	3"	50 m³/h	10 bar	Disc



3FF

PVC Ball Valve

Ref	Size
IV3FF11FON250	¾" x ¾"*
IV3FF11FON320	1" x 1"*
IV3FF11FON400	1 ¼" x 1 ¼"*
IV3FF11FON500	1 ½" x 1 ½"*
IV3FF11FON630	2" x 2"*
IV3FF11FON650	3" x 3"*



8548

Air Release Valve

Ref	Size
IV3FF11FON320	1" x 1"*
IV3FF11FON500	1 ½" x 1 ½"*
IV3FF11FON630	2" x 2"*



PRV

Pressure Regulating Valve

Ref	Size
PRVC002	2"



BV

Butterfly Valve

Ref	Size
BVC004	4" DN100
BVC006	6" DN150



REE

Low pressure gate valve

Ref	Size
IVREE2700N250	25mm X 25MM



DOS

Dosatron

Ref	Size
DOSC0025	25MM / ¾"



VENT

Venturi Injector

Ref	Size
VENTC001	1"

IRRIGATION - FITTINGS

LOW PRESSURE HDPE FITTINGS



304

Low pressure coupling

Ref	Size
IP3042000N160	16 x 16



640

Low pressure tee

Ref	Size
IP6405000N160	16 x 16
IP6405000N250	25 x 25



600

Low pressure plug

Ref	Size
IP6003000N230	16 mm
IP6003000N250	25 mm



606

Low pressure tee

Ref	Size
IP6062000N160	16 x 16 x 16
IP6065000N250	25 x 25 x 25



619

Reducing Nipple


Ref	Size
IR61920M0N25B	3/4" x 1/2"
IR61920M0N32B	1" x 3/4"
IR61920M0N40B	1 1/4" x 1/2"
IR61920M0N40C	1 1/4" x 3/4"
IR61920M0N40D	1 1/4" x 1"
IR61920M0N50B	1 1/2" x 1/2"
IR61920M0N50C	1 1/2" x 3/4"
IR61920M0N50D	1 1/2" x 1"
IR61920M0N50E	1 1/2" x 1 1/4"
IR61920M0N63B	2" x 1/2"
IR61920M0N63C	2" x 3/4"
IR61920M0N63D	2" x 1"
IR61920M0N63E	2" x 1 1/4"
IR61920M0N63F	2" x 1 1/2"
IR61920M0N75G	2 1/2" x 2"
IR61920M0N90H	3" x 2 1/2"



620

Socket

Ref	Size
IR62020F0N200	1/2" x 1/2"
IR62020F0N250	3/4" x 3/4"
IR62020F0N320	1" x 1"
IR62020F0N400	1 1/4" x 1 1/4"
IR62020F0N500	1 1/2" x 1 1/2"
IR62020F0N630	2" x 2"
IR62020F0N750	2 1/2" x 2 1/2"*
IR62020F0N900	3" x 3"*



621

Reduced socket

Ref	Size
IR62120F0N20A	1/2" x 3/8"
IR62120F0N25B	3/4" x 1/2"
IR62120F0N32B	1" x 1/2"
IR62120F0N32C	1" x 3/4"
IR62120F0N40D	1 1/4" x 1"
IR62120F0N50E	1 1/2" x 1 1/4"
IR62120F0N63F	2" x 1 1/2"
IR62120F0N75G	2 1/2" x 2"*
IR62120F0N90H	3" x 2 1/2"*



607

Nipple

Ref	Size
IE8912000N00T	16 mm

IRRIGATION - FITTINGS

LOW PRESSURE HDPE FITTINGS



623

Male/female bush

Ref	Size
IR62320D0N20A	1/2" x 3/8"
IR62320D0N25B	3/4" x 1/2"
IR62320D0N32B	1" x 1/2"
IR62320D0N32C	1" x 3/4"
IR62320D0N40B	1 1/4" x 1/2"
IR62320D0N40C	1 1/4" x 3/4"
IR62320D0N40D	1 1/4" x 1"
IR62320D0N50C	1 1/2" x 3/4"
IR62320D0N50D	1 1/2" x 1"
IR62320D0N50E	1 1/2" x 1 1/4"
IR62320D0N63C	2" x 3/4"
IR62320D0N63D	2" x 1"
IR62320D0N63E	2" x 1 1/2"
IR62320D0N75G	2 1/2" x 2"
IR62320D0N90G	3" x 2"
IR62320D0N90H	3" x 2 1/2"



625

Male/Female Enlarging Piece
Ref Size

Ref	Size
IR62520D0N20C	1/2" x 3/4"
IR62520D0N20D	1/2" x 1"
IR62520D0N20E	1/2" x 1" 1/4
IR62520D0N20F	1/2" x 1" 1/2
IR62520D0N25D	3/4" x 1"
IR62520D0N25E	3/4" x 1 1/4"
IR62520D0N25F	3/4" x 1 1/2"
IR62520D0N25G	3/4" x 2"
IR62520D0N32E	1" x 1 1/4"
IR62520D0N32F	1" x 1 1/2"
IR62520D0N32G	1" x 2"
IR62520D0N40F	1 1/4" x 1 1/2"
IR62520D0N40G	1 1/4" x 2"
IR62520D0N50G	1 1/2" x 2"



622

Male/Female Reducer

Ref	Size
IR62220D0N20A	1/2" x 3/8"
IR62220D0N25B	3/4" x 1/2"
IR62220D0N32B	1" x 1/2"
IR62220D0N32C	1" x 3/4"
IR62220D0N40C	1 1/4" x 3/4"
IR62220D0N40D	1 1/4" x 1"
IR62220D0N50E	1 1/2" x 1 1/4"
IR62220D0N63F	2" x 1 1/2"



823

Low pressure lock type elbow

Ref	Size
IE8232000V250	25 x 25

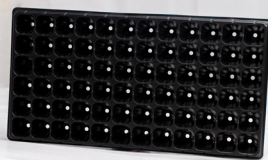
HIGH PRESSURE HDPE FITTINGS AND OTHERS



BF

Stub and Flange

Ref	Size
BF10110	110
BF10160	160
BF10200	200



TRAY

Seeds Tray

Ref	Holes
Tray	72
Tray	200

IRRIGATION - FITTINGS

HIGH PRESSURE HDPE FITTINGS



103

Saddle Clamp

Ref	Size	Bolts
IS10320F0N20B	20 x 1/2"	2
IS10320F0N25B	25 x 1/2"	2
IS10320F0N25C	25 x 3/4"	2
IS10320F0N32B	32 x 1/2"	2
IS10320F0N32C	32 x 3/4"	2
IS10320F0N32D	32 x 1"	2
IS10320F0N40B	40 x 1/2"	2
IS10320F0N40C	40 x 3/4"	2
IS10320F0N40D	40 x 1"	2
IS10320F0N50B	50 x 1/2"	2
IS10320F0N50C	50 x 3/4"	2
IS10320F0N50D	50 x 1"	2
IS10320F0N63B	63 x 1/2"	4
IS10320F0N63C	63 x 3/4"	4
IS10320F0N63D	63 x 1"	4
IS10320F0N63E	63 x 1 1/4"	4
IS10320F0N63F	63 x 1 1/2"	4
IS10320F0N75F	75 x 1 1/2"	4
IS10320F0N75G	75 x 2"	4
IS10320F0N90F	90 x 1 1/2"	4
IS10320F0N90G	90 x 2"	4
IS10320F0N11F	110 x 1 1/2"	4
IS10320F0N11G	110 x 2"	4
IS1032AF0N11H	110 x 2 1/2"	4
IS1032AF0N11I	110 x 3"	4
IS1032AF0N13G	125 x 2"	4
IS1032AF0N15F	140 x 1 1/2"	6
IS1032AF0N15G	140 x 2"	6
IS1032AF0N15H	140 x 2 1/2"	6
IS1032AF0N17G	160 x 2"	6
IS1032AF0N17H	160 x 2 1/2"	6
IS1032AF0N17I	160 x 3"	6



201

Female Adaptor

Ref	Size	PFA (PN)
IQ20120F0N32B	32 x 3/4"	12,5 bar
IQ20120F0N32B	32 x 1"	12,5 bar



210

Coupling

Ref	Size	PFA (PN)
IQ2102000N200	20 x 20	12,5 bar
IQ2102000N250	25 x 25	12,5 bar
IQ2102000N320	32 x 32	12,5 bar
IQ2102000N400	40 x 40	10 bar
IQ2102000N500	50 x 50	10 bar
IQ2102000N630	63 x 63	10 bar
IQ2102000N750	75 x 75	10 bar
IQ2102000N900	90 x 90	10 bar
IQ2102000N110	110 x 110	10 bar



211

Coupling

Ref	Size	PFA (PN)
IQ21120M0N20B	20 x 1/2"	12,5 bar
IQ21120M0N20C	20 x 3/4"	12,5 bar
IQ21120M0N25C	25 x 3/4"	12,5 bar
IQ21120M0N25D	25 x 1"	12,5 bar
IQ21120M0N32C	32 x 3/4"	12,5 bar
IQ21120M0N32D	32 x 1"	12,5 bar
IQ21120M0N40D	40 x 1"	10 bar
IQ21120M0N40F	40 x 1 1/2"	10 bar
IQ21120M0N50F	50 x 1 1/2"	10 bar
IQ21120M0N50G	50 x 2"	10 bar



211

Male Adaptor

Ref	Size	PFA (PN)
IQ21120M0N63F	63 x 1 1/2"	10 bar
IQ21120M0N63G	63 x 2"	10 bar
IQ21120M0N63H	63 x 2 1/2"	10 bar
IQ21120M0N75G	75 x 2"	10 bar
IQ21120M0N75H	75 x 2 1/2"	10 bar
IQ21120M0N75I	75 x 3"	10 bar
IQ21120M0N90G	90 x 2"	10 bar
IQ21120M0N90H	90 x 2 1/2"	10 bar
IQ21120M0N90I	90 x 3"	10 bar
IQ21120M0N90L	90 x 4"	10 bar
IQ21120M0N11I	110 x 3"	10 bar
IQ21120M0N11L	110 x 4"	10 bar



212

Male Adaptor

Ref	Size	PFA (PN)
IQ2122000N20A	20 x 16	12,5 bar
IQ2122000N25A	25 x 16	12,5 bar
IQ2122000N25B	25 x 20	12,5 bar
IQ2122000N32B	32 x 20	12,5 bar
IQ2122000N32C	32 x 25	12,5 bar
IQ2122000N40C	40 x 25	10 bar
IQ2122000N40D	40 x 32	10 bar
IQ2122000N50C	50 x 25	10 bar
IQ2122000N50D	50 x 32	10 bar
IQ2122000N50E	50 x 40	10 bar
IQ2122000N63E	63 x 40	10 bar
IQ2122000N63F	63 x 50	10 bar
IQ2122000N75F	75 x 50	10 bar
IQ2122000N75G	75 x 63	10 bar
IQ2122000N90G	90 x 63	10 bar
IQ2122000N90H	90 x 75	10 bar
IQ2122000N11I	110 x 90	10 bar

IRRIGATION - FITTINGS

HIGH PRESSURE HDPE FITTINGS



213

Elbow 90

Ref	Size	PFA(PN)
IQ2132000N200	20 x 20	10 bar
IQ2132000N250	25 x 25	10 bar
IQ2132000N320	32 x 32	10 bar
IQ2132000N400	40 x 40	10 bar
IQ2132000N500	50 x 50	10 bar
IQ2132000N630	63 x 63	10 bar
IQ2132000N750	75 x 75	10 bar
IQ2132000N900	90 x 90	10 bar
IQ2132000N110	110 x 110	10 bar



214

90° tee

Ref	Size	PFA(PN)
IQ2142000N200	20 x 20 x 20	10 bar
IQ2142000N250	25 x 25 x 25	10 bar
IQ2142000N320	32 x 32 x 32	10 bar
IQ2142000N400	40 x 40 x 40	10 bar
IQ2142000N500	50 x 50 x 50	10 bar
IQ2142000N630	63 x 63 x 63	10 bar
IQ2142000N750	75 x 75 x 75	10 bar
IQ2142000N900	90 x 90 x 90	10 bar
IQ2142000N110	110 x 110 x 110	10 bar



216

Male Threaded Tee

Ref	Size	PFA(PN)
IQ21620M0N20B	20 x 1/2" x 20	10 bar
IQ21620M0N25B	25 x 1/2" x 25	10 bar
IQ21620M0N25C	25 x 3/4" x 25	10 bar
IQ21620M0N32C	32 x 3/4" x 32	10 bar
IQ21620M0N32D	32 x 1" x 32	10 bar
IQ21620M0N40E	40 x 1 1/4" x 40	10 bar
IQ21620M0N40F	40 x 1 1/2" x 40	10 bar
IQ21620M0N50F	50 x 1 1/2" x 50	10 bar
IQ21620M0N50G	50 x 2" x 50	10 bar
IQ21620M0N63G	63 x 2" x 63	10 bar



219

90° tee male thread

Ref	Size	PFA(PN)
IQ21920M0N20B	20 x 1/2"	10 bar
IQ21920M0N20C	20 x 3/4"	10 bar
IQ21920M0N25C	25 x 3/4"	10 bar
IQ21920M0N32C	32 x 3/4"	10 bar
IQ21920M0N32D	32 x 1"	10 bar
IQ21920M0N40F	40 x 1 1/2"	10 bar
IQ21920M0N50F	50 x 1 1/2"	10 bar
IQ21920M0N50G	50 x 2"	10 bar
IQ21920M0N63G	63 x 2"	10 bar



221

Endcap

Ref	Size	PFA(PN)
IQ2212000N200	20	12,5 bar
IQ2212000N250	25	12,5 bar
IQ2212000N320	32	12,5 bar
IQ2212000N400	40	10 bar
IQ2212000N500	50	10 bar
IQ2102000N630	63	10 bar
IQ2212000N750	75	10 bar
IQ2212000N900	90	10 bar
IQ2212000N110	110	10 bar



224

Enlarging Tee

Ref	Size	PFA(PN)
IQ2242000N20C	20 x 25 x 20	10 bar
IQ2242000N25B	25 x 20 x 25	10 bar
IQ2242000N32C	32 x 25 x 32	10 bar
IQ2242000N40D	40 x 32 x 40	10 bar
IQ2242000N50D	50 x 32 x 50	10 bar
IQ2242000N50E	50 x 40 x 50	10 bar
IQ2242000N63F	63 x 50 x 63	10 bar



PFU

Hole puncher (3mm hole)

Ref	Size
IIPFU00000320	16- 20 mm

IRRIGATION - FITTINGS

SPRINKLERS | MISTERS | POT IRRIGATION



MN

Meganet

Ref	Size	Flow Rate	Covered ϕ
MEGANCO450	1/2"	450lph	9-11 m



FS30

Raingun

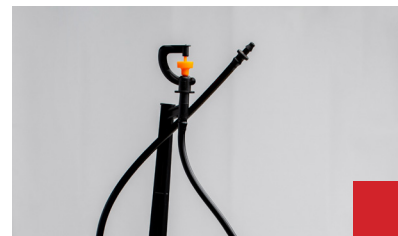
Ref	Size	Flow Rate	Covered ϕ
IBF35COMP3535	1"	8 m ³ /h	40 m



F35

Impact sprinkler

Ref	Size	Nozzle ϕ	Flow Rate	Covered ϕ
IDF35COMP3525	1/2"	3,5x2,5mm	1,33 m ³ /h	27,5 m
IDF35COMP5525	3/4"	5,5x2,5mm	2,65 m ³ /h	34,5 m



761

Mini sprinkler Complete

Ref	Flow Rate	Covered ϕ
ID761040	40-50 lph	3-5 m



961

Single jet sprinkler-antibug with integral nozzle filter

Ref	Nozzle ϕ	Flow Rate	Covered ϕ
ID961120	1.5mm	120 lph	12 m



861

Single jet sprinkler

Ref	Nozzle ϕ	Flow Rate	Covered ϕ
ID861050	1,0 mm	50 l/h	6,3 m
ID861090	1,3 mm	90 l/h	7,0 m
ID861120	1,5 mm	120 l/h	8,1 m



866

Double jet mini sprinkler downward head

Ref	Nozzle ϕ	Flow Rate	Covered ϕ
ID866050	1,0 mm	50 l/h	6,6 m



KIT EXL

Four way foggers

Ref	Flow Rate
IDEXL41504	4 lph



661

Complete upside down micro sprinkler

Ref	Flow Rate
ID661040	30-50 lph

IRRIGATION - FITTINGS

SPRINKLERS | MISTERS | POT IRRIGATION



STD

Sprinkler support stand for single jet sprinklers

Ref	Description
IDSTDA1120	To be used with 6mm rod



CLT

Stand for downward mini sprinklers

Ref	Description
IDCLTA1015	To be used upside down



AID

Arrow dripper for 3x5.5mm micropipe

Ref	Height
IMAI2010N026	10 cm



M02

Two way manifold for micropipe

Ref	Colour
IMM022000N030	Black



KIT EXL 1

One way & two way foggers

Ref	Flow Rate
IDEXL11504	4l/h
IDEXL21504	4 l/h



PVC 200

Flexible PVC Micropipe

Ref	Inside	Outside	Reel
FM005030MM	3.0mm	5.0mm	400m



M04

Four way manifold for micropipe

Ref	Colour
IMM042000N030	Black



M01

One way manifold for micropipe

Ref	Colour
MM012000N030	Black



ASD

Dripper stake for 3x5.5mm micropipe

Ref	Colour
IMASD2000N026	2,6 l/h

IRRIGATION - FITTINGS

UPVC FITTINGS



P214

UPVC Tee

Ref	Size	PFA (PN)
PVC214050	50 mm	10 Bar
PVC214063	63 mm	10 Bar
PVC214075	75 mm	10 Bar
PVC214090	90 mm	10 Bar
PVC214110	110 mm	10 Bar



P213

UPVC Elbow

Ref	Size	PFA (PN)
PVC213050	50 mm	10 Bar
PVC213063	63 mm	10 Bar
PVC213075	75 mm	10 Bar
PVC213090	90 mm	10 Bar
PVC213110	110 mm	10 Bar



P211

UPVC Valve Socket

Ref	Size	PFA (PN)
PVC211050	50 x 1 1/2"	10 Bar
PVC211063	63 x 2"	10 Bar
PVC211075	75 x 2 1/2"	10 Bar
PVC211090	90 x 3"	10 Bar
PVC211110	110 x 4"	10 Bar



P221

UPVC End Cap

Ref	Size	PFA (PN)
PVC221050	50 mm	10 Bar
PVC221063	63 mm	10 Bar
PVC221075	75 mm	10 Bar
PVC221090	90 mm	10 Bar
PVC221110	110 mm	10 Bar



P3FF

UPVC Ball Valve - Threaded/Glued

Ref	Size	PFA (PN)
PVC3FF050	50 mm	16 Bar
PVC3FF063	63 mm	16 bar

IRRIGATION - FITTINGS

PPR FITTINGS



PP213

PPR Elbow
20mm - 110mm

Ref	PFA (PN)
PP2130110	16-25 Bar



PP215

PPR Female Tee
20mm - 110mm

Ref	PFA (PN)
PP2150110	16-25 Bar



PP214

PPR Tee
20mm - 110mm

Ref	PFA (PN)
PP2140110	16-25 Bar



PP216

PPR Male Tee
20mm - 110 mm

Ref	PFA (PN)
PP2160110	16-25 Bar



PP218

PPR Female Elbow
20mm - 110 mm

Ref	PFA (PN)
PP2180110	16-25 Bar



PP219

PPR Male Elbow
20mm - 110 mm

Ref	PFA (PN)
PP2190110	16-25 Bar



PP211

PPR Male Socket
20mm - 110 mm

Ref	PFA (PN)
PP2110110	16-25 Bar



PP201

PPR Female Socket
20mm - 110 mm

Ref	PFA (PN)
PP2010110	16-25 Bar



PP220

PPR Union
20mm - 110 mm

Ref	PFA (PN)
PP2200110	16-25 Bar



PP212

PPR Reducing Socket
20mm - 110 mm

Ref	PFA (PN)
PP2120110	16-25 Bar





2

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CROP COVER

CROP COVER - SHADE NETTING | ANTI-HAIL NETTING



SHADE NETTING | ANTI-HAIL NETTING

Description	Item	Standard rolls sizes (in meters)	Description
CRC001	Hail net light	4 X 100	<ul style="list-style-type: none"> • Manufactured using 100% virgin HDPE • UV stabilized for long term use on the field • Sizes are completely customizable • Uses to protect crops from hail storms and from birds
CRC002	Hail net heavy	4 X 100	
CRC004	20% shade net monofilament	4 X 100	<ul style="list-style-type: none"> • Manufactured using 100% virgin HDPE • UV stabilized for long term use on the field • Sizes are completely customizable • Available in: black, green and white • Special order: silver, blue, red • Uses: shading for vegetables and flowers, perimeters, sports courts and tents
CRC005	30% shade net monofilament	4 X 100	
CRC006	40% shade net monofilament	4 X 100	
CRC007	50% shade net monofilament	4 X 100	
CRC008	60% shade net monofilament	4 X 100	
CRC009	70% shade net monofilament	4 X 100	
CRC0010	80% shade net monofilament	4 X 100	
CRC0011	90% shade net monofilament	4 X 100	
CRC0012 CRC0013	Coffee Net	2 X 100 2 X 50	

CROP COVER - SHADE NETTING | ANTI-HAIL NETTING



INSECT PROTECTION | ANTI WEEDING

Description	Item	Standard rolls sizes (in meters)	Description
CRC1001	Ground Cover/Mypex	5.25 X 100	<ul style="list-style-type: none"> • Manufactured using 100% virgin polypropylene • Used to prevent and limit the growth of weeds • Available: black
CRC1002	Anti-thrips net 50 mesh	4 X 100	<ul style="list-style-type: none"> • Manufactured using 100% virgin HDPE • UV stabilized for long term use on the field • Used to protect from flies, aphids and thrips • Available: white
CRC1003	Insect Proof Net 17 mesh	3 X 100	

CROP COVER - PLANT SUPPORT



PLANT SUPPORT

Description	Item	Standard rolls sizes (in meters)	Description
CRC1007	Support Net 15 X 17 - 6 boxes	1 X 1000	<ul style="list-style-type: none"> • Square mesh nets to encourage the uniform and straight growth of flower stems • UV stabilized • Available in: white • Special order: black
CRC1008	Support Net 12 X 12 - 7 boxes	1 X 1000	
CRC1009	Support Net 20 X 20 - 5 boxes	1 X 1000	
CRC1011	Germination Net/Fleece	2 X 1500 1.2 X 1500	<ul style="list-style-type: none"> • Nonwoven fabric which creates a microclimate for the crop • Best used during early stages of crop growth • Protects from temperature drops • Seasonal use

WATER COLLECTION



WATER COLLECTION

Code	Item	Description
CRC1004	Damliner 0.3mm	<ul style="list-style-type: none"> • Manufactured using 100% virgin HDPE • UV stabilized for long term use on the field • Used to line reservoirs and tanks for efficient collection of water
CRC1005	Damliner 0.5mm	
CRC1006	Damliner 0.75mm	
CRC1007	Damliner 1.0mm	

GREENHOUSE POLYTHENE

Code	Polythene	Description
CRC1008	200 Microns Yellow	<ul style="list-style-type: none"> • UV stabilized to last for upto 5 years • Optimizes light transmittance and minimizes temperature fluctuations. • Enhances crop growth and harvest.
CRC1009	200 Microns Clear	

ROPES



ROPES

Description	Item	Standard rolls sizes (in meters)	Description
CRC020	Safari rope 2mm	400m roll	<ul style="list-style-type: none"> • Manufactured using 100% virgin HDPE • UV stabilized for long term use on the field • Used to protect greenhouse polythene from damage
CRC021	Greenhouse rope 6mm	100m roll	
CRC022	Greenhouse rope 8mm	100m roll	
CRC023	Multi-use rope 10mm	50m roll	
CRC024	Multi-use rope 12mm	50m roll	



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