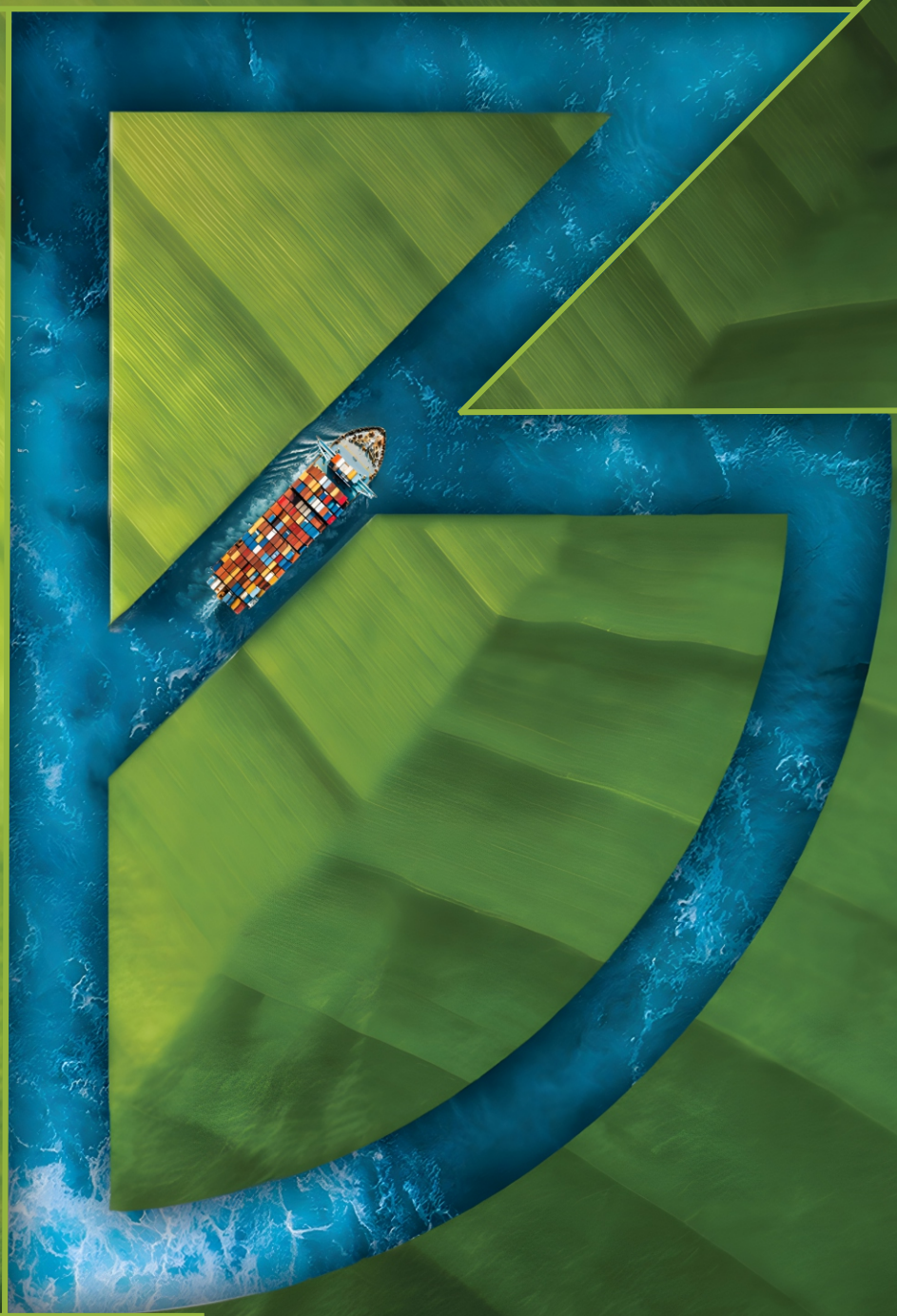
bhumi®
IRRIGATION SYSTEMS



PRODUCT
CATALOGUE

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DISC FILTER

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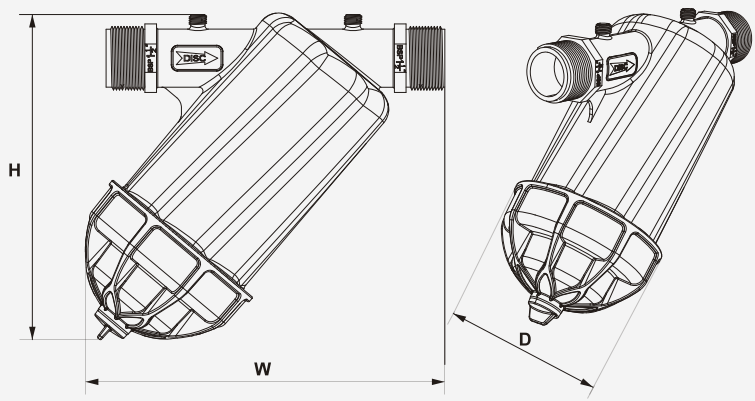
DISC FILTER





Y TYPE FILTER DISC

CODE	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)	WEIGHTS (kg)
FLT-DSF-00-01	3/4"	120	5	8	180	0.45
FLT-DSF-00-02	1"	120	6	8	180	0.45
FLT-DSF-00-03	1-1/4"	120	10	8	300	1.05
FLT-DSF-00-04	1-1/2"	120	14	8	300	1.05
FLT-DSF-00-05	2"	120	25	8	525	1.48
FLT-DSF-00-06	2-1/2"	120	30	8	600	2.60
FLT-DSF-00-07	3"	120	35	8	600	2.70



DIMENSION

CODE	H (mm)	W (mm)	D (mm)
FLT-DSF-00-01	173	176	93
FLT-DSF-00-02	173	176	93
FLT-DSF-00-03	230	250	120
FLT-DSF-00-04	230	250	120
FLT-DSF-00-05	260	290	140
FLT-DSF-00-06	330	360	168
FLT-DSF-00-07	330	360	168

DISC FILTER

T TYPE DISC FILTER

CODE	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)	WEIGHTS (kg)
FLT-DSF-01-01	2"	120	25	4	1045	6.2
FLT-DSF-01-02	2.5"	120	40	4	1385	7.32
FLT-DSF-01-03	3"	120	50	4	1800	9.17



DIMENSION

CODE	H (mm)	W (mm)	D (mm)
FLT-DSF-01-01	294	295	518
FLT-DSF-01-02	294	329.50	605
FLT-DSF-01-03	294	331	700

H TYPE DISC FILTER

CODE	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)	WEIGHTS (kg)
FLT-DSF-02-01	2"	120	35	10	2400	10.1
FLT-DSF-02-02	2.5"	120	40	10	2400	10.3
FLT-DSF-02-03	3"	120	50	10	2400	10.9
FLT-DSF-02-04	4"	120	70	10	2400	11.3



DIMENSION

CODE	H (mm)	W (mm)	D (mm)
FLT-DSF-02-01	940	332	220
FLT-DSF-02-02	940	332	220
FLT-DSF-02-03	940	335	220
FLT-DSF-02-04	960	340	220

DISC FILTER

SEMI AUTOMATIC DISC FILTER

CODE	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)
FLT-DSF-03-01	2"	150/ 120 /80	25	6	1620
FLT-DSF-03-02	2 1/2"	150/ 120 /80	30	6	1620
FLT-DSF-03-03	3"	150/ 120 /80	40	6	1620
FLUSH PORT :- 11/2" Male Threaded Port (with Flush Valve)					
MATERIAL OF CONSTRUCTION :- All polymeric (PAGF, PPGF, PP, HDPE, NBR/EPDM, PE)					



DIMENSION

CODE	H (cm)	W (cm)	D (cm)
FLT-DSF-03-01	100	38	78
FLT-DSF-03-02	100	38	78
FLT-DSF-03-03	100	38	78

AUTOMATIC DISC FILTER

MODEL	CONFIGURATION	CONNECTIONS Grooved/Flanged	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)
FLT-DSF-04-01	2" x 1 Unit	2"	25	10	1620
FLT-DSF-04-02	2" x 2 Units	3"	50	10	3240
	3" x 1 Unit	3"	35	10	1620
FLT-DSF-04-03	3" x 2 Units	4"	70	10	3240
	3" x 3 Units	4"	105	10	4860
FLT-DSF-04-04	3" x 4 Units	6"	140	10	6480
	3" x 5 Units	6"	175	10	8100
	3" x 6 Units	6"	210	10	9720



DIMENSION

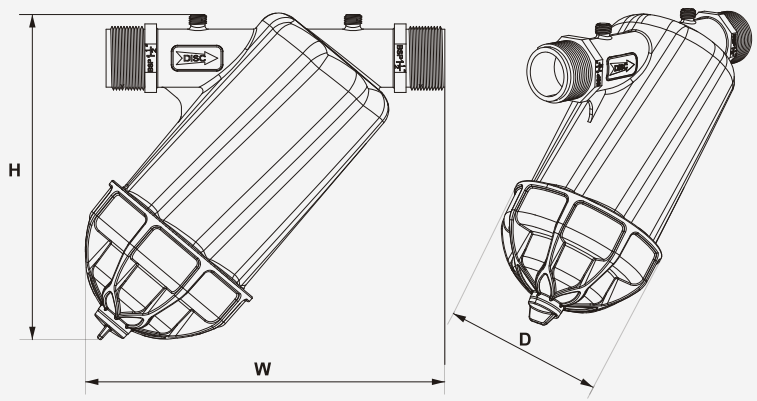
CODE	FLT-DSF-04-01	FLT-DSF-04-02	FLT-DSF-04-03	FLT-DSF-04-04	FLT-DSF-04-05	FLT-DSF-04-06	FLT-DSF-04-07	FLT-DSF-04-08
	2" x 1 Unit	2" x 2 Units	3" x 1 Unit	3" x 2 Units	3" x 3 Units	3" x 4 Units	3" x 5 Units	3" x 6 Units
H (mm)	170	1400	1830	1430	1430	1450	1280	1320
W (mm)	1185	910	1150	1032	1032	1230	1000	1050
D (mm)	560	710	670	910	1250	1410	1950	2120

SCREEN FILTER



Y TYPE SCREEN FILTER

CODE	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)	WEIGHTS (kg)
FLT-SCF-00-01	3/4"	80/120	5	8	160	0.37
FLT-SCF-00-02	1"	80/120	6	8	160	0.37
FLT-SCF-00-03	1-1/4"	80/120	10	8	265	0.71
FLT-SCF-00-04	1-1/2"	80/120	14	8	265	0.72
FLT-SCF-00-05	2"	80/120	25	8	485	0.98
FLT-SCF-00-06	2-1/2"	80/120	30	8	565	2.03
FLT-SCF-00-07	3"	80/120	35	8	565	2.10



DIMENSION

CODE	H (mm)	W (mm)	D (mm)
FLT-SCF-00-01	173	176	93
FLT-SCF-00-02	173	176	93
FLT-SCF-00-03	230	250	120
FLT-SCF-00-04	230	250	120
FLT-SCF-00-05	260	290	140
FLT-SCF-00-06	330	360	168
FLT-SCF-00-07	330	360	168

SCREEN FILTER

T TYPE SCREEN FILTER

CODE	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)	WEIGHTS (kg)
FLT-SCF-01-01	2"	120	25	4	490	
FLT-SCF-01-02	2.5"	121	40	4	825	
FLT-SCF-01-03	3"	122	50	4	1090	



DIMENSION

CODE	H (mm)	W (mm)	D (mm)
FLT-SCF-01-01	294	295	518
FLT-SCF-01-02	294	329.50	605
FLT-SCF-01-03	294	331	700

H TYPE SCREEN FILTER

CODE	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)	WEIGHTS (kg)
FLT-SCF-02-01	2"	120	35	10	1630	7.1
FLT-SCF-02-02	2.5"	120	40	10	1630	7.3
FLT-SCF-02-03	3"	120	50	10	1630	7.8
FLT-SCF-02-04	4"	120	70	10	1630	8.2



DIMENSION

CODE	H (mm)	W (mm)	D (mm)
FLT-SCF-02-01	940	332	220
FLT-SCF-02-02	940	332	220
FLT-SCF-02-03	940	335	220
FLT-SCF-02-04	960	340	220

SCREEN FILTER

SEMI AUTOMATIC SCREEN FILTER

CODE	CONNECTIONS BSP/NPT	FILTRATION GRADES (MESH)	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)
FLT-SCF-03-01	2"	150/ 120 /80	25	1.5	800
FLT-SCF-03-02	2 1/2"	150/ 120 /80	30	1.5	800
FLT-SCF-03-03	3"	150/ 120 /80	40	1.5	1200
FLUSH PORT :- 2" Male Threaded Port (with Flush Valve)					



DIMENSION

CODE	H (cm)	W (cm)	D (cm)
FLT-SCF-03-01	860	340	585
FLT-SCF-03-02	950	340	650
FLT-SCF-03-03	960	340	660

AUTOMATIC SCREEN FILTER

CODE	SPECIFICATION	CONNECTIONS Grooved/Flanged	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)
FLT-SCF-04-01	2"	2"/50mm	25	10	831
	2"/2.5"	2.5"/65mm	30	10	1270
FLT-SCF-04-02	3"	3"/80mm	40	10	1270
	3"	3"/80mm	50	10	1662
FLT-SCF-04-03	4"	4"/100mm	70	8	2101
	4"	4"/100mm	80	8	2540



DIMENSION

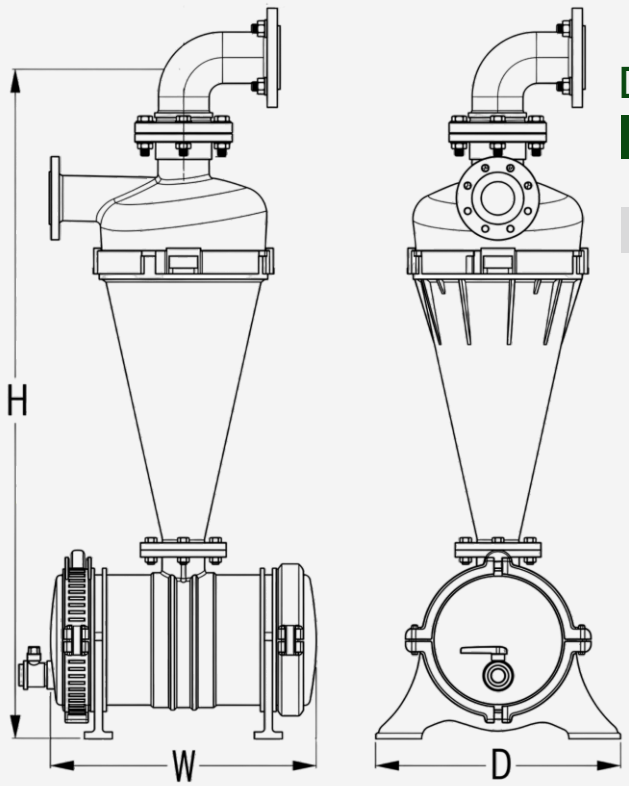
CODE	FLT-SCF-04-01	FLT-SCF-04-02	FLT-SCF-04-03	FLT-SCF-04-04	FLT-SCF-04-05	FLT-SCF-04-06
	2"	2.5"	3"	3"	4"	4"
H (mm)	1120	1200	1200	1330	1510	1640
W (mm)	370	370	370	370	395	395
D (mm)	630	710	710	840	600	640

HYDROCYCLONE FILTER



HYDROCYCLONE FILTER

CODE	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m^3/h)	MAX PRESSURE (bar)	FILTERING SURFACE (cm^2)	CONNECTION SIZE (mm)
FLT-HCF-00-01	2"	120	25	4	490	50
FLT-HCF-00-02	2.5"	120	40	4	825	65
FLT-HCF-00-03	3"	120	50	4	1090	80



DIMENSION

CODE	H (mm)	W (mm)	D (mm)
FLT-HCF-00-01	294	295	518
FLT-HCF-00-02	294	329.50	605
FLT-HCF-00-03	294	331	700

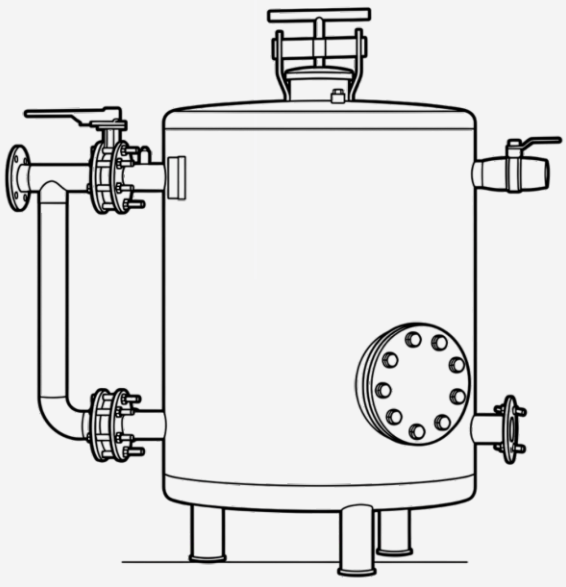
GRAVEL MEDIA FILTER

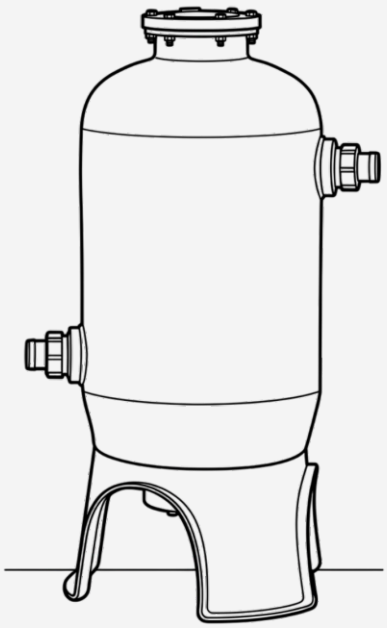




GRAVEL/ MEDIA FILTER

CODE	BODY DIAMETER		INLET/ OUTLET		FLOW RANGE	BACK FLUSH FLOW	EMPTY TANK VOLUME	SAND BED HEIGHT	SAND QUANTITY	CONNECTION TYPE
	INCH	mm	INCH	mm	m^3/hr	m^3/hr	ltr	mm	kg	
FLT-GMF-00-01	20"	500	2.0	50	20-30	12-14	145	400	150	THREADED/ FLANGED
FLT-GMF-00-02	20"	500	2.5	65	27-35	12-14	145	400	150	
FLT-GMF-00-03	24"	600	2.5	65	35-45	14-16	230	400	200	
FLT-GMF-00-04	24"	600	3.0	80	35-45	14-16	230	400	200	
FLT-GMF-00-05	30"	750	3.0	80	45-52	16-18	320	370	350	





GRAVEL MEDIA FILTER



AUTOMATIC SAND MEDIA FILTER

CODE	CONNECTIONS BSP/NPT	MAX FLOW (m^3/h)	BACK FLOW (m^3/h)	EMPTY TANK WEIGHT (KG)	SAND BED HEIGHT (mm)	SAND QUANTITY (KG)
FLT-GMF-01-01	3"	30	12-14	42	400	150
FLT-GMF-01-02	3"	45	12-14	42	400	150
FLT-GMF-01-03	3"	60	12-14	42	400	150
FLT-GMF-01-04	3"	48	14-16	52	400	200
FLT-GMF-01-05	4"	72	14-16	52	400	200
FLT-GMF-01-06	4"	96	14-16	52	400	200
FLT-GMF-01-07	4"	70	16-18	69	370	350
FLT-GMF-01-08	4"	105	16-18	69	370	350
FLT-GMF-01-09	6"	140	16-18	69	370	350
FLT-GMF-01-10	6"	210	16-18	69	370	350
FLT-GMF-01-11	8"	280	16-18	69	370	350

DIMENSION

TANK SIZES	NO. OF TANKS	A MM	B MM	C MM	D MM	E MM	F MM	G MM
36"	2	1196	639	1055	730	1100	2400	1380
	3						3500	1380
	4						4600	1380
	6						5700	1380
	8						4850	3600
	10						5950	3600
48"	2	1388	746	1189	1000	1500	3100	1785
	3						4600	1785
	4						6100	1785
	6						4900	4000
	8						6500	4000

VALVE





VALVE



BUTTERFLY VALVE (PP / MS)

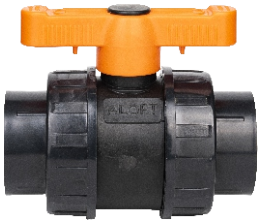
MODEL	SIZE	DN	PN	PCS/BOX	KG/BOX	BOX TYPE
VLV-BTV-00-01	63# 2"	50	10	16	19	-
VLV-BTV-00-02	75# 2-1/2"	65	10	14	20	-
VLV-BTV-00-03	90# 3"	80	10	10	19	-
VLV-BTV-00-04	110# 4"	100	10	8	20	-
VLV-BTV-00-05	125# 5"	125	10	5	22	-
VLV-BTV-00-06	160# 6"	150	10	4	20	-
VLV-BTV-00-07	200# 8"	200	6	2	17	-
VLV-BTV-00-08	250# 10"	250	6	-	-	-
VLV-BTV-00-09	315# 12"	300	6	-	-	-
VLV-BTV-00-10	355# 14"	355	6	-	-	-
VLV-BTV-00-11	400# 16"	400	6	-	-	-



PP/ PVC BALL VALVE SINGLE UNION
Female thread (BSPT/NPT)

MODEL	SIZE	DN	PN	PCS/BOX	BOX TYPE
VLV-BLV-00-01	1/2"	15	16	-	-
VLV-BLV-00-02	3/4"	20	16	60	43.0*22.0*28.0
VLV-BLV-00-03	1"	25	16	40	43.0*22.0*28.0
VLV-BLV-00-04	1-1/4"	32	16	30	43.0*22.0*28.0
VLV-BLV-00-05	1-1/2"	40	16	20	50.0*29.0*31.0
VLV-BLV-00-06	2"	50	16	16	48.2*34.0*35.0
VLV-BLV-00-07	2-1/2"	65	10	8	41.5*32.5*43.4
VLV-BLV-00-08	3"	80	10	4	46.0*36.0*26.0
VLV-BLV-00-09	4"	100	10	4	43.0*22.0*28.0

VALVE



PP/PVC BALL VALVE DOUBLE UNION
Female thread (BSPT/NPT)

MODEL	SIZE	DN	PN	PCS/BOX	BOX TYPE
VLV-BLV-01-01	1/2"	15	16	-	-
VLV-BLV-01-02	3/4"	20	16	60	43.0*22.0*28.0
VLV-BLV-01-03	1"	25	16	40	43.0*22.0*28.0
VLV-BLV-01-04	1-1/4"	32	16	25	43.0*22.0*28.0
VLV-BLV-01-05	1-1/2"	40	16	20	50.0*29.0*31.0
VLV-BLV-01-06	2"	50	16	16	48.2*34.0*35.0
VLV-BLV-01-07	2-1/2"	65	10	8	41.5*32.5*43.4
VLV-BLV-01-08	3"	80	10	4	46.0*36.0*26.0
VLV-BLV-01-09	4"	100	10	2	43.0*22.0*28.0



PP/ PVC BALL VALVE SINGLE UNION
Female male thread (BSPT/NPT)

MODEL	SIZE	DN	PN	PCS/BOX	BOX TYPE
VLV-BLV-02-01	3/4"	20	16	60	43.0*22.0*28.0
VLV-BLV-02-02	1"	25	16	40	43.0*22.0*28.0
VLV-BLV-02-03	1-1/4"	32	16	30	43.0*22.0*28.0
VLV-BLV-02-04	1-1/2"	40	16	20	50.0*29.0*31.0
VLV-BLV-02-05	2"	50	16	16	48.2*34.0*35.0
VLV-BLV-02-06	2-1/2"	65	10	8	41.5*32.5*43.4
VLV-BLV-02-07	3"	80	10	4	46.0*36.0*26.0
VLV-BLV-02-08	4"	100	10	2	43.0*22.0*28.0

VALVE



PP BALL VALVE SINGLE PIECE

MODEL	SIZE	DN	PN	PCS/BOX	BOX TYPE
VLV-BLV-03-01	1"	25	16	40	43.0*22.0*28.0
VLV-BLV-03-02	1-1/4"	32	16	30	43.0*22.0*28.0
VLV-BLV-03-03	1-1/2"	40	16	20	43.0*22.0*28.0
VLV-BLV-03-04	2"	50	16	16	50.0*29.0*31.0
VLV-BLV-03-05	2-1/2"	65	16	8	48.2*34.0*35.0
VLV-BLV-03-06	3"	80	10	4	41.5*32.5*43.4



MDPE BALL VALVE

MODEL	SIZE	DN	PN	CONNECTION	THREAD TYPE
VLV-BLV-04-01	3/4"	20	10	COMPRESSION	BSP



NON RETURN VALVE / CHECK VALVE

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-NRV-00-01	1-1/2"	40	8	Flanged/ threaded (PT)	20
VLV-NRV-00-02	2"	50	8	Flanged/ threaded (PT)	16
VLV-NRV-00-03	2-1/2"	65	8	Flanged/ threaded (PT)	8
VLV-NRV-00-04	3"	80	8	Flanged/ threaded (PT)	4
VLV-NRV-00-05	4"	100	8	Flanged/ threaded (PT)	2
VLV-NRV-00-06	6"	150	8	Flanged/ threaded (PT)	1
VLV-NRV-00-07	8"	200	8	Flanged/ threaded (PT)	1

VALVE



PVC WAFER CHECK VALVE

MODEL	SIZE	DN	PN	PCS/BOX	BOX TYPE
VLV-NRV-01-01	3"	80	10	20	9
VLV-NRV-01-02	4"	100	10	20	11
VLV-NRV-01-03	5"	125	10	10	9
VLV-NRV-01-04	6"	150	10	10	12
VLV-NRV-01-05	8"	200	10	5	11
VLV-NRV-01-06	10"	250	10	4	14
VLV-NRV-01-07	12"	300	10	4	21



FOOT VALVE

MODEL	SIZE	DN	CONNECTION	PCS/BOX
VLV-NRV-02-01	1 1/4"	32	Threaded (flap washer type)	1
VLV-NRV-02-02	1-1/2"	40	Threaded (flap washer type)	1
VLV-NRV-02-03	2"	50	Threaded (flap washer type)	1
VLV-NRV-02-04	2-1/2"	65	Threaded (flap washer type)	1
VLV-NRV-02-05	3"	80	Threaded (flap washer type)	1
VLV-NRV-02-06	4"	100	Threaded (flap washer type)	1

VALVE



AIR RELEASE VALVE - PLASTIC

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-ARV-00-01	1/2"	12	10	Male / Female Threades (BSP /NPT)	1
VLV-ARV-00-02	3/4"	20	10	Male / Female Threades (BSP /NPT)	1
VLV-ARV-00-03	1"	25	10	Male / Female Threades (BSP /NPT)	1
VLV-ARV-00-04	1 1/2"	40	10	Male / Female Threades (BSP /NPT)	1
VLV-ARV-00-05	2"	50	7	Male / Female Threades (BSP /NPT)	1
VLV-ARV-00-06	3"	80	7	Male / Female Threades (BSP /NPT)	1



AIR RELEASE VALVE - METAL

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-ARV-01-01	1"	25	10	Female Threades (BSP /NPT)	1
VLV-ARV-01-02	1 1/2"	40	10	Female Threades (BSP /NPT)	1
VLV-ARV-01-03	2"	50	10	Female Threades (BSP /NPT)	1
VLV-ARV-01-04	3"	80	7	Female Threades (BSP /NPT)	1
VLV-ARV-01-05	4"	100	7	Female Threades (BSP /NPT)	1

VALVE



PRESSURE RELIEF VALVE

CODE		VLV-PRV-00-01	VLV-PRV-00-02	VLV-PRV-00-03
CONNECTION SIZE		2”	2”	3”
CONNECTION TYPE		BSP/NPT Female Threaded		
PRESSURE PORT CONNECTION		1/4” BSP/NPT Female Threaded		
CRACKING PRESSURE	BAR	0.5 – 1.5		
	PSI	7 – 20		
PRESSURE SET RANGE	BAR	1.5 – 8.2	4.2 – 11.3	1.5 – 8.2
	PSI	22 – 120	60 – 160	22 – 120
FACTORY SET PRESSURE	BAR	5.5		
	PSI	80		



THROTTLE VALVE

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-THV-00-01	2"	50	10	Female Threaded (BSP/NPT)	1
VLV-THV-00-02	2 1/2"	65	10	Female Threaded (BSP/NPT)	1
VLV-THV-00-03	3"	80	10	Female Threaded (BSP/NPT)	1

VALVE



FLUSH VALVE

MODEL	SIZE	DN	PN
VLV-FLV-00-01	1.25"x1.5"	40x50	50
VLV-FLV-00-02	2"x1.5"	63x50	50
VLV-FLV-00-03	2.5"x2"	75x63	50
VLV-FLV-00-04	3"	90	24



QUICK COUPLING VALVE - PLASTIC

CODE	VLV-QCV-00-01	VLV-QCV-00-02
CONNECTION SIZE	3/4" (20 mm)	1" (25 mm)
CONNECTION TYPE	BSP / NPT MALE THREADED	
RECOMMENDED FLOW RATE	M^3/HR	2-5
	GPM	7-18
MAXIMUM WORKING PRESSURE	BAR	6
	PSI	85
MEDIA	Water	
MAXIMUM WORKING TEMPERATURE	60°C / 140°F	

VALVE



QUICK COUPLING VALVE - BRASS / BRONZE

CODE	VLV-QCV-01-01	VLV-QCV-01-02	VLV-QCV-01-03
AVAILABLE SIZES	3/4”	1”	$1^{1/2}$”
FEATURES	- One piece body design.		
	- Strong corrosion resistant stainless steel spring prevents leakage.		
	- Yellow thermoplastic cover for durability over years.		
	- Stainless steel spring loaded covers for positive closing and protection of valve's sealing components.		
	- Spiral Turn & Lock key with in-built handle designed for gripping.		



3 WAY BALL VALVE

CODE	VLV-BLV-05-01	VLV-BLV-05-02	VLV-BLV-05-03
AVAILABLE SIZES	2”	2 1/2"	3”
DESCRIPTION			
CONNECTION TYPE	Male Threaded (BSP/NPT) End Connections.		
LIGHTWEIGHT ALUMINUM CONSTRUCTION	Durable and easy to handle.		
LONG HANDLE DESIGN	Facilitates effortless opening and closing of valve.		
HANDLE LOCKING FEATURE	To prevent unwanted handle movement during operation.		
MAX OPERATING PRESSURE	(PN: 6) rated valves.		
FLOW DIVERSION	Easy to divert full pipe flow in required direction.		
PARTIAL FLOW CONTROL	Supports flow variations of 25% and 75% between two separate irrigation systems.		
MAINTENANCE FRIENDLY	Designed for inline maintenance and easy dismantling.		

VALVE



PP BOLTED BALL VALVE

TECHNICAL SPECIFICATION		VLV-BLV-06-01	VLV-BLV-06-02
SIZE		2 inch	3 inch
INLET / OUTLET CONNECTION		Female Threaded (BSP / NPT)	
MAXIMUM WORKING PRESSURE	BAR (@25°C)	10	
	PSI (@75°F)	150	
	BAR (@65°C)	7	
	PSI (@150°F)	100	
Material of Construction		Polypropylene	
Operation Type		Manual Hand Operated	
Media		Water	
Maximum Working Temperature		65°C / 150°F	



PP SCREWED END BALL VALVE

MODEL	SIZE	DN	PN	PCS/BOX	BOX TYPE
VLV-BLV-07-01	1/2"	15	10	-	-
VLV-BLV-07-02	3/4"	20	10	60	43.0*22.0*28.0
VLV-BLV-07-03	1"	25	10	40	43.0*22.0*28.0
VLV-BLV-07-04	1-1/4"	32	10	25	43.0*22.0*28.0
VLV-BLV-07-05	1-1/2"	40	10	20	50.0*29.0*31.0
VLV-BLV-07-06	2"	50	10	16	48.2*34.0*35.0
VLV-BLV-07-07	2-1/2"	65	10	8	41.5*32.5*43.4
VLV-BLV-07-08	3"	80	10	4	46.0*36.0*26.0
VLV-BLV-07-09	4"	100	10	2	43.0*22.0*28.0

VALVE



MANUAL CONTROL VALVE

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-SLV-00-01	1.5"	40	0.5-10	BSP / NPT	20
VLV-SLV-00-02	2"	50	0.5-10	BSP / NPT	16
VLV-SLV-00-03	2-1/2"	65	0.5-10	BSP / Flange	8
VLV-SLV-00-04	3"	80	0.5-10	BSP / NPT / Flange	4
VLV-SLV-00-05	4"	100	0.7-10	Flange	2
VLV-SLV-00-06	5"	125	0.7-10	Flange	1
VLV-SLV-00-07	6"	150	0.7-10	Flange	1



ELECTRIC CONTROL VALVE 2 WAY WITH SOLENOID

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-SLV-01-01	1.5"	40	0.5-10	BSP / NPT	20
VLV-SLV-01-02	2"	50	0.5-10	BSP / NPT	16
VLV-SLV-01-03	2-1/2"	65	0.5-10	BSP / Flange	8
VLV-SLV-01-04	3"	80	0.5-10	BSP / NPT / Flange	4
VLV-SLV-01-05	4"	100	0.7-10	Flange	2
VLV-SLV-01-06	6"	150	0.7-10	Flange	1

VALVE



ELECTRIC CONTROL VALVE 3 WAY WITH SOLENOID

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-SLV-02-01	1.5"	40	0.5-10	BSP / NPT	20
VLV-SLV-02-02	2"	50	0.5-10	BSP / NPT	16
VLV-SLV-02-03	2-1/2"	65	0.5-10	BSP / Flange	8
VLV-SLV-02-04	3"	80	0.5-10	BSP / NPT / Flange	4
VLV-SLV-02-05	4"	100	0.7-10	Flange	2
VLV-SLV-02-06	6"	150	0.7-10	Flange	1



MANUAL PRESSURE REDUCING VALVE

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-PRD-00-01	1.5"	40	0.5-10	BSP / NPT	20
VLV-PRD-00-02	2"	50	0.5-10	BSP / NPT	16
VLV-PRD-00-03	2-1/2"	65	0.5-10	BSP / Flange	8
VLV-PRD-00-04	3"	80	0.5-10	BSP / NPT / Flange	4
VLV-PRD-00-05	4"	100	0.7-10	Flange	2
VLV-PRD-00-06	6"	150	0.7-10	Flange	1

VALVE



ELECTRIC PRESSURE REDUCING VALVE3-W PLASTIC ELECTRICSOLENOID & PILOT

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-PRD-01-01	1.5"	40	0.5-10	BSP / NPT	20
VLV-PRD-01-02	2"	50	0.5-10	BSP / NPT	16
VLV-PRD-01-03	2-1/2"	65	0.5-10	BSP / Flange	8
VLV-PRD-01-04	3"	80	0.5-10	BSP / NPT / Flange	4
VLV-PRD-01-05	4"	100	0.7-10	Flange	2
VLV-PRD-01-06	6"	150	0.7-10	Flange	1



MANUAL PRESSURE SUSTAINING VALVE

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-PSV-00-01	1.5"	40	0.5-10	BSP / NPT	20
VLV-PSV-00-02	2"	50	0.5-10	BSP / NPT	16
VLV-PSV-00-03	2-1/2"	65	0.5-10	BSP / Flange	8
VLV-PSV-00-04	3"	80	0.5-10	BSP / NPT / Flange	4
VLV-PSV-00-05	4"	100	0.7-10	Flange	2
VLV-PSV-00-06	6"	150	0.7-10	Flange	1

VALVE



ELECTRIC PRESSURE SUSTAINING CONTROL VALVE 3-W PLASTIC SOLENOID & PILOT

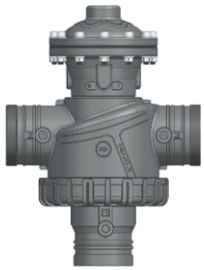
MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-PSV-01-01	1.5"	40	0.5-10	BSP / NPT	20
VLV-PSV-01-02	2"	50	0.5-10	BSP / NPT	16
VLV-PSV-01-03	2-1/2"	65	0.5-10	BSP / Flange	8
VLV-PSV-01-04	3"	80	0.5-10	BSP / NPT / Flange	4
VLV-PSV-01-05	4"	100	0.7-10	Flange	2
VLV-PSV-01-06	6"	150	0.7-10	Flange	1



QUICK PRESSURE RELIEF VALVE (2 WAY PILOT OPERATED)

MODEL	SIZE	DN	PN	CONNECTION	PCS/BOX
VLV-HCV-00-01	1.5"	40	0.5-10	BSP / NPT	20
VLV-HCV-00-02	2"	50	0.5-10	BSP / NPT	16
VLV-HCV-00-03	2-1/2"	65	0.5-10	BSP / Flange	8
VLV-HCV-00-04	3"	80	0.5-10	BSP / NPT / Flange	4
VLV-HCV-00-05	4"	100	0.7-10	Flange	2
VLV-HCV-00-06	6"	150	0.7-10	Flange	1

VALVE



BACKWASH HYDRAULIC VALVE

CODE	VLV-FBV-00-01
APPLICATIONS	3" x 3" Plastic
	Used for Automatic Backwash of Filters Batteries of Sand Filters
	Disc Filters
	Screen Filters
	Single Filter Autonomic Backwash System
TECHNICAL DATA	
CONTROL CHAMBER VOLUME	280 ml @1 bar; 435 ml @10 bar
OPERATING PRESSURE	0.8 Bar
EXTERNAL OPERATING PRESSURE	0.8–10 Bar
MAXIMUM TEMPERATURE	-5 to 60°C
CONNECTIONS	3" Grooved/Threaded



COMPRESSION VALVE

MODEL	SIZE	DN	PCS/BOX	BOX TYPE
VLV-CMV-00-01	1/2"	15	150	43.0*22.0*28.0
VLV-CMV-00-02	3/4"	20	100	43.0*22.0*28.0
VLV-CMV-00-03	1"	25	60	43.0*22.0*28.0
VLV-CMV-00-04	1-1/4"	32	36	43.0*22.0*28.0
VLV-CMV-00-05	1-1/2"	40	22	50.0*29.0*31.0
VLV-CMV-00-06	2"	50	16	48.2*34.0*35.0
VLV-CMV-00-07	2-1/2"	65	10	41.5*32.5*43.4
VLV-CMV-00-08	3"	80	6	46.0*36.0*26.0
VLV-CMV-00-09	4"	100	4	43.0*22.0*28.0

DRIP LINE





DRIP LINE

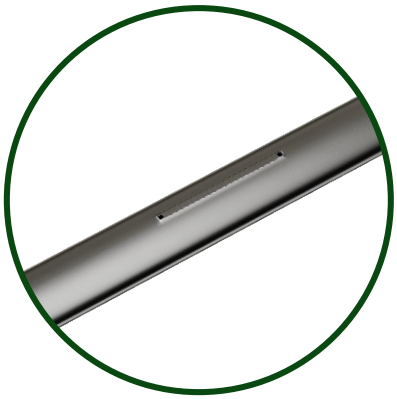


DRIP TAP / THIN WALL FLAT

CODE	SPACING (MTR)	FLOW RATE (LPH)	WALL THICKNESS		DIAMETER OD (mm)	MAX PRESSURE (kg/cm²)	ROLL LENGTH (mtr)
			APPROX MIL	(mm)			
DRL-DTW-00-01	0.20 to 0.60	1.3/2.0/3.0/4.0	8	0.15	16	0.8	1000
DRL-DTW-00-02	0.20 to 0.60	1.3/2.0/3.0/4.0	8	0.18	16	0.9	1000
DRL-DTW-00-03	0.20 to 0.60	1.3/2.0/3.0/4.0	8	0.2	16	1	1000
DRL-DTW-00-04	0.20 to 0.60	1.3/2.0/3.0/4.0	10	0.25	16	1.2	1000
DRL-DTW-00-05	0.20 to 0.60	1.3/2.0/3.0/4.0	12	0.3	16	1.5	1000
DRL-DTW-00-06	0.20 to 0.60	1.3/2.0/3.0/4.0	16	0.4	16	1.8	1000
DRL-DTW-00-07	0.20 to 0.60	1.3/2.0/3.0/4.0	18	0.45	16	1.8	500
DRL-DTW-00-08	0.20 to 0.60	1.3/2.0/3.0/4.0	20	0.5	16	1.8	500

CODE	SPACING (MTR)	FLOW RATE (LPH)	WALL THICKNESS		DIAMETER OD (mm)	MAX PRESSURE (kg/cm²)	ROLL LENGTH (mtr)
			APPROX MIL	(mm)			
DRL-DTW-01-01	0.20 to 0.60	1.3/2.0/3.0/4.0	8	0.15	20	0.8	1000
DRL-DTW-01-02	0.20 to 0.60	1.3/2.0/3.0/4.0	8	0.18	20	0.9	1000
DRL-DTW-01-03	0.20 to 0.60	1.3/2.0/3.0/4.0	8	0.2	20	1	1000
DRL-DTW-01-04	0.20 to 0.60	1.3/2.0/3.0/4.0	10	0.25	20	1.2	1000
DRL-DTW-01-05	0.20 to 0.60	1.3/2.0/3.0/4.0	12	0.3	20	1.5	1000
DRL-DTW-01-06	0.20 to 0.60	1.3/2.0/3.0/4.0	16	0.4	20	1.8	1000
DRL-DTW-01-07	0.20 to 0.60	1.3/2.0/3.0/4.0	18	0.45	20	1.8	500
DRL-DTW-01-08	0.20 to 0.60	1.3/2.0/3.0/4.0	20	0.5	20	1.8	500

DRIP LINE





DRIP LINE - FLAT

CODE	SPACING (MTR)	FLOW RATE (LPH)	WALL THICKNESS			DIAMETER OD (mm)	MAX PRESSURE (kg/cm²)	ROLL LENGTH (mtr)
			APPROX MIL	CLASS	(mm)			
DRL-DLF-00-01	0.20 to 0.60	1.3/2.0/3.0/4.0	20	I	0.5	12	1.5	800
DRL-DLF-00-02	0.20 to 0.60	1.3/2.0/3.0/4.0	26	II	0.65	12	1.5	800

CODE	SPACING (MTR)	FLOW RATE (LPH)	WALL THICKNESS			DIAMETER OD (mm)	MAX PRESSURE (kg/cm²)	ROLL LENGTH (mtr)
			APPROX MIL	CLASS	(mm)			
DRL-DLF-01-01	0.20 to 0.60	1.3/2.0/3.0/4.0	22	I	0.55	16	2	500
DRL-DLF-01-02	0.20 to 0.60	1.3/2.0/3.0/4.0	32	II	0.8	16	2	500
DRL-DLF-01-03	0.20 to 0.60	1.3/2.0/3.0/4.0	43	III	1.1	16	2	500
DRL-DLF-01-04	0.20 to 0.60	1.3/2.0/3.0/4.0	55	IV	1.4	16	2	500

CODE	SPACING (MTR)	FLOW RATE (LPH)	WALL THICKNESS			DIAMETER OD (mm)	MAX PRESSURE (kg/cm²)	ROLL LENGTH (mtr)
			APPROX MIL	CLASS	(mm)			
DRL-DLF-02-01	0.20 to 0.60	1.3/2.0/3.0/4.0	30	I	0.75	20	1.8	500
DRL-DLF-02-02	0.20 to 0.60	1.3/2.0/3.0/4.0	39	II	1	20	1.8	500

DRIP LINE





DRIP LINE - ROUND

CODE	SPACING (MTR)	FLOW RATE (LPH)	WALL THICKNESS			DIAMETER OD (mm)	MAX PRESSURE (kg/cm²)	ROLL LENGTH (mtr)
			APPROX MIL	CLASS	(mm)			
DRL-DLR-00-01	0.20 to 0.60	2.0/4.0	18	Non-ISI	0.45	16	2	500
DRL-DLR-00-02	0.20 to 0.60	2.0/4.0	22	Class-I	0.55	16	2	500
DRL-DLR-00-03	0.20 to 0.60	2.0/4.0	32	Class-II	0.8	16	2	500
DRL-DLR-00-04	0.20 to 0.60	2.0/4.0	43	Class-III	1.1	16	2	500
DRL-DLR-00-05	0.20 to 0.60	2.0/4.0	55	Class-IV	1.4	16	2	500

DIAMETER (MM)	FLOW RATE (LPH)	OPERATING PRESSURE (KG/CM²)	LENGTH (MTR)	SPACING (MM)
16	1.3 LPH / 2 LPH / 4 LPH	1	500 mtr	20,30,40,50,60

DRIP LINE



PLAIN LATERAL

CODE	OUTER DIAMETER (MM)	CLASSIFICATION	WALL THICKNESS		OPERATING PRESSURE (KG/CM²)	ROLL LENGTH (MTR)
			APPROX MIL	(mm)		
DRL-PLL-00-01	12	Class-1	28	0.7	1	500
DRL-PLL-00-02	12	Class-2	40	1	1	500
DRL-PLL-00-03	16	Class-1	36	0.9	1	500
DRL-PLL-00-04	16	Class-2	48	1.2	1	500
DRL-PLL-00-05	20	Class-1	40	1	1	300
DRL-PLL-00-06	20	Class-2	52	1.3	1	300
DRL-PLL-00-07	25	Class-1	55	1.4	1	300
DRL-PLL-00-08	25	Class-2	73	1.85	1	300
DRL-PLL-00-09	32	Class-1	67	1.7	1	200
DRL-PLL-00-10	32	Class-2	87	2.2	1	200



PC DRIP LINE -FLAT

CODE	SPACING (MTR)	FLOW RATE (LPH)	WALL THICKNESS			DIAMETER OD (mm)	PRESSURE COMPENSATING RANGE (kg/cm²)	ROLL LENGTH (mtr)
			APPROX MIL	CLASS	(mm)			
DRL-PDF-00-01	0.20 to 0.60	1.3/2.0/3.0/4.0	22	I	0.55	16	0.4-4.0	500
DRL-PDF-00-02	0.20 to 0.60	1.3/2.0/3.0/4.0	32	II	0.8	16	0.4-4.0	500
DRL-PDF-00-03	0.20 to 0.60	1.3/2.0/3.0/4.0	43	III	1.1	16	0.4-4.0	500
DRL-PDF-00-04	0.20 to 0.60	1.3/2.0/3.0/4.0	55	IV	1.4	16	0.4-4.0	500

CODE	SPACING (MTR)	FLOW RATE (LPH)	WALL THICKNESS			DIAMETER OD (mm)	PRESSURE COMPENSATING RANGE (kg/cm²)	ROLL LENGTH (mtr)
			APPROX MIL	CLASS	(mm)			
DRL-PDF-01-01	0.20 to 0.60	1.3/2.0/3.0/4.0	30	I	0.75	20	0.4-4.0	500
DRL-PDF-01-02	0.20 to 0.60	1.3/2.0/3.0/4.0	39	II	1	20	0.4-4.0	500

DRIP LINE





PC DRIP LINE - ROUND

CODE	SPACING (MTR)	FLOW RATE (LPH)	WALL THICKNESS			DIAMETER OD (mm)	PRESSURE COMPENSATING RANGE (kg/cm²)	ROLL LENGTH (mtr)
			APPROX MIL	CLASS	(mm)			
DRL-PDR-00-01	0.20 to 0.60	2.0/4.0	22	Class-I	0.55	16	0.8 to 4	500
DRL-PDR-00-02	0.20 to 0.60	2.0/4.0	32	Class-II	0.8	16	0.8 to 4	500
DRL-PDR-00-03	0.20 to 0.60	2.0/4.0	43	Class-III	1.1	16	0.8 to 4	500
DRL-PDR-00-04	0.20 to 0.60	2.0/4.0	55	Class-IV	1.4	16	0.8 to 4	500



DRIP RAIN PIPE

MODEL	SIZE	DISTANCE OF SPRAY (M)	OPERATING PRESSURE KG /CM2	MAXI RUNNING / PERMISSIBLE LENGTH	WETTING DISTANCE	BUNDLE SIZE
DRL-DRP-00-01	20 mm	5 mtr each side	1 - 1.5	150 to 160 ft	8 to 10 ft	200 mtr
DRL-DRP-00-02	25 mm		1 - 1.5	155 to 160 ft	10 to 15 ft	100 mtr
DRL-DRP-00-03	32 mm		1 - 1.5	160 to 175 ft	15 to 20 ft	100 mtr
DRL-DRP-00-04	40 mm		1 - 1.5	175 to 200 ft	18 to 22 ft	100 mtr

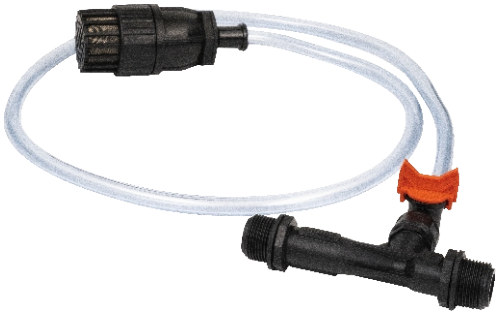
FERTIGATION EQUIPMENTS





FERTIGATION EQUIPMENTS







VENTURI INJECTOR

CODE	PRESSURE kg / cm2	3/4" LPH		1" LPH		2" LPH (LOW FLOW)		2" LPH (HIGH FLOW)		3" LPH	
		MOTIVE FLOW	SUCTION FLOW	MOTIVE FLOW	SUCTION FLOW	MOTIVE FLOW	SUCTION FLOW	MOTIVE FLOW	SUCTION FLOW	MOTIVE FLOW	SUCTION FLOW
FRT-VNI-00-01	0.5	720	165	2100	265	5500	550	10320	1250	20500	1650
FRT-VNI-00-02	0.75	810	180	2500	272	6200	750	12300	1325	24500	1850
FRT-VNI-00-03	1	920	187	2900	290	7800	905	14400	1400	28800	2050
FRT-VNI-00-04	1.5	1140	185	3300	285	10120	995	16800	1450	33600	2200
FRT-VNI-00-05	2	1300	183	4100	280	11850	1200	18900	1450	37800	2300



FERTILIZER TANK

CODE	FRT-FTK-00-01	FRT-FTK-00-02	FRT-FTK-00-03	FRT-FTK-00-04
AVAILABLE TANK CAPACITY	35 Ltr	60 Ltr	90 Ltr	120 Ltr
INLET/OUTLET AND DRAIN PORT CONNECTION	3/4"	3/4" & 1"	3/4" & 1"	3/4" & 1"
MAX. WORKING PRESSURE	4 Kg/cm²	4 Kg/cm²	4 Kg/cm²	4 Kg/cm²

FERTIGATION EQUIPMENTS



AUTOMATIC FERTIGATION MACHINE

CODE
FRT-AFM-00-01

FEATURES
Venturi Injectors 600 LPH.
Inbuilt Pressure Booster Pump.
Online EC/PH Measurement And Control Through The Controller.
Complete The Rotation in 2 Sec For Measuring The EC/PH.
Compatible With Any Controller, ECPH-based or Non-ECPH-Based Fertigation / Irrigation Controller in The Industry.
Online Pressure Sensor For Monitoring The System Pressure.
Moulder System Can be Made From 2 Channels to 10 Channels Of Fertigation Channels With a Fertilizer Injector.

APPLICATIONS
Delivers Plant Nutrients Directly Into The Wetted Root Zone For Maximum Efficiency.
Recommended For Precise Nutrition Management Of Crops in Open Field, Greenhouse, As Well As For Nurseries.

IRRIGATION FITTINGS & ACCESSORIES





BARBED FITTING FOR DRIP LINE



DRIP LINE TAKE OFF

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-00-01	12 OD X 8	100	6000	13.5
IFA-BFD-00-02	16 OD X 13	100	4000	13.8
IFA-BFD-00-03	20 OD X 13	100	2000	10.9



DRIP LINE JOINER

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-01-01	12 x 12 OD	100	6000	15.7
IFA-BFD-01-02	16 X 16 OD	100	3000	15.4
IFA-BFD-01-03	20 X 20 OD	50	2000	14.9



DRIPLINE REDUCING JOINER

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-02-01	16 x 12 OD	100	4000	14.9
IFA-BFD-02-02	20 X 12 OD	100	2000	11.4
IFA-BFD-02-03	20 X 20 OD	100	2000	12.8



DRIPLINE TEE

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-03-01	12 x 12 x 12 OD	100	3000	11.2
IFA-BFD-03-02	20 x 12 x 20 OD	100	800	9.5
IFA-BFD-03-03	16 x 16 x 16 OD	100	1500	12.3
IFA-BFD-03-04	16 x 12 x 16 OD	100	1500	11.6
IFA-BFD-03-05	20 X 16 X 20 OD	100	800	9.7
IFA-BFD-03-06	20 X 20 X 20 OD	100	800	11.4



DRIPLINE ELBOW

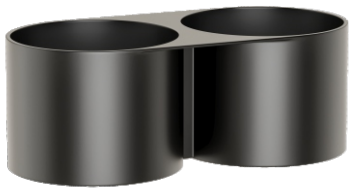
CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-04-01	12 x 12 OD	100	5000	13.3
IFA-BFD-04-02	16 X 16 OD	100	2500	15
IFA-BFD-04-03	20 X 20 OD	50	1500	15.3



DRIPLINE THREADED ADAPTOR

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-05-01	12 OD X 1/2"	100	2500	15.4
IFA-BFD-05-02	16 OD X 1/2"	100	2500	13.7
IFA-BFD-05-03	20 OD X 1/2"	50	1200	9.4
IFA-BFD-05-04	12 OD X 3/4"	100	2500	22.4
IFA-BFD-05-05	16 OD X 3/4"	100	2000	13.5
IFA-BFD-05-06	20 OD X 3/4"	50	1200	9.8

BARBED FITTING FOR DRIP LINE



END CAP

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-06-01	12 x 12 OD	100	5000	13.3
IFA-BFD-06-02	16 x 16 OD	100	2500	15
IFA-BFD-06-03	20 x 20 OD	50	1500	15.3



BARBED THREADED ELBOW

CODE	SIZE mm x inch (BSP)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-07-01	13 ID x 1/2"	100	2400	13.4
IFA-BFD-07-02	16 ID x 1/2"	100	2000	17.8
IFA-BFD-07-03	16 ID x 3/4"	100	2000	21.2



THREADED TEE

CODE	SIZE INCH (BSP)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-08-01	1/2"x3/4"x1/2"	100	600	7.4
IFA-BFD-08-02	3/4"x3/4"x3/4"	NA	400	9
IFA-BFD-08-03	1"x1"x1"	NA	300	14.1



GROMMET

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-09-01	0.8 x 11.9	100	10000	11.4
IFA-BFD-09-02	13 x 17.5	100	5000	13.4



BARBED CONNECTOR - Y

CODE	SIZE	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-10-01	16x16x16	100	1200	8.85



GOOF PLUG

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-11-01	4	1000	30000	9.42
IFA-BFD-11-02	6	1000	26000	9.63
IFA-BFD-11-03	15	100	6000	18.55



BARBED CONNECTOR - Y

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-12-01	16-20	100	800	8.3



DRIP CLIP

CODE	SIZE	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-BFD-13-01	16	200	6400	13.9
IFA-BFD-13-02	20	100	4000	12.35

LOCK NUT FITTINGS FOR DRIP TAPE



COUPLING TAPE -TAPE WITH NUTS

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-00-01	17 x 17	50	800	10.65
IFA-LNF-00-02	20 x 20	50	400	11.53
IFA-LNF-00-03	22 x 22	50	400	11.9



BARBED TO TAPE CONNECTOR

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-01-01	16 x 17	100	1000	10.36
IFA-LNF-01-02	16 x 20	-	-	-
IFA-LNF-01-03	16 x 22	-	-	-
IFA-LNF-01-04	20 x 20	-	-	-
IFA-LNF-01-05	20 x 22	-	-	-



TAP CONNECTOR TO MALE THREAD

CODE	SIZE (mm x inch)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-02-01	17 x 1/2"	100	1000	11.68
IFA-LNF-02-02	17 x 3/4"	100	1000	13.1
IFA-LNF-02-03	20 x 1/2"	100	1000	-
IFA-LNF-02-04	20 x 3/4"	100	1000	-
IFA-LNF-02-05	22 x 1/2"	100	1000	-
IFA-LNF-02-06	22 x 3/4"	100	1000	-



TAP CONNECTOR TO GROMMET

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-03-01	4 x 17	100	1200	10.76
IFA-LNF-03-02	14 x 17	100	1200	10.25
IFA-LNF-03-03	16 x 17	100	1000	9.19



DRIP TAP END CAP

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-04-01	17	100	1200	9.85
IFA-LNF-04-02	22	100	-	-



TAKEOFF LAYFLAT FOR TAPE

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-05-01	17	50	500	13.05
IFA-LNF-05-02	20	-	-	-
IFA-LNF-05-03	22	-	-	-

LOCK NUT FITTINGS FOR DRIP TAPE



ELBOW FOR TAPE

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-06-01	17 x 17	50	600	9.82



BARBED ELBOW FOR TAPE

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-07-01	16 x 17	50	600	9.82



THREAD ELBOW FOR TAPE

CODE	SIZE (mm x inch)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-08-01	17 x 1/2"	100	700	9.21
IFA-LNF-08-02	17 x 3/4"	100	600	8.79



TEE FOR TAPE

CODE	SIZE (mm x mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-09-01	17 x 17x 17	50	350	8.5



BARBED TEE FOR TAPE

CODE	SIZE (mm x mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-10-01	16 x 17x 17	50	350	8.5



TEE LAYFLAT TAPE - TAPE

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-11-01	17	25	250	9.11



MALE THREAD TEE FOR TAPE

CODE	SIZE (mm x mm x inch)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-LNF-12-01	17 x 17 x 1/2"	50	400	9.25
IFA-LNF-12-02	17 x 17 x 3/4"	-	-	-

RAIN PIPE FITTINGS



RAIN PIPE LATERAL COCK

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-RPF-00-01	20 mm	100	1000	12.5
IFA-RPF-00-02	25 mm	100	800	12.8
IFA-RPF-00-03	32 mm	50	500	11.6
IFA-RPF-00-04	40 mm	50	400	12



RAIN PIPE CONNECTOR / MTA

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-RPF-01-01	20 mm	100	1000	10.8
IFA-RPF-01-02	25 mm	100	800	11.2
IFA-RPF-01-03	32 mm	50	500	10.5
IFA-RPF-01-04	40 mm	50	400	11.4



RAIN PIPE JOINER

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-RPF-02-01	20 mm	100	1000	9.8
IFA-RPF-02-02	25 mm	100	800	10.4
IFA-RPF-02-03	32 mm	50	500	10.8
IFA-RPF-02-04	40 mm	50	400	11.5



RAIN PIPE END CAP

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-RPF-03-01	20 mm	100	1000	9.5
IFA-RPF-03-02	25 mm	100	800	10
IFA-RPF-03-03	32 mm	50	500	10.6
IFA-RPF-03-04	40 mm	50	400	11.2

MICRO TUBE FITTINGS

MICRO TUBE FITTINGS

	CODE	ITEM DESCRIPTION	SIZE	BOX (NOS)
	IFA-MTF-00-01	1/4" Long Transfer Barbes	1/4" (4x7mm)	10000
	IFA-MTF-00-02 IFA-MTF-00-03	Two Way Connector	4 x 7mm 3x5 mm	10000
	IFA-MTF-00-04	1/4" Goof Plugs For Repair	1/4"	10000
	IFA-MTF-00-05	Barbed Tee	1/4" (4x7mm)	10000
	IFA-MTF-00-06	Barbed Elbow	1/4" (4x7mm)	10000
	IFA-MTF-00-07	Barbed Cross	1/4" (4x7mm)	10000
	IFA-MTF-00-08 IFA-MTF-00-09	Barbed Connector	4 x 7mm 3 x 5 mm	20000 20000
	IFA-MTF-00-10 IFA-MTF-00-11	Barbed Connector	4 x 7mm OD 6.0mm	20000
	IFA-MTF-00-12	Three Way Connector	3 x 5 mm	10000
	IFA-MTF-00-13	Barbed Connector Four Way	4mm x 1/2"	5000
	IFA-MTF-00-14	Microtube	3 x 5mm 4 x 7mm	500 500

MINI VALVES & FITTINGS



MINI VALVE BARBED

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-MVF-00-01	16 x 16 mm	50	750	11.28
IFA-MVF-00-02	20 x 20 mm	50	600	11.25
IFA-MVF-00-03	16 x 20 mm	50	700	11.2
IFA-MVF-00-04	25 x 25 mm	50	500	12.5



MINI VALVE BARBED FOR TAPE

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-MVF-01-01	16 x 17 mm	50	550	10.81
IFA-MVF-01-02	20 x 17 mm	50	500	10.98
IFA-MVF-01-03	16 x 20 mm	50	500	10.9
IFA-MVF-01-04	16 x 22 mm	50	450	11.2
IFA-MVF-01-05	20 x 20 mm	-	-	-
IFA-MVF-01-06	20 x 22 mm	-	-	-



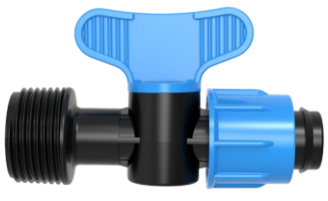
MINI VALVE LAYFLAT - TAPE

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-MVF-02-01	17	30	300	10.67
IFA-MVF-02-02	20	-	-	-
IFA-MVF-02-03	22	-	-	-



MINI VALVE TAKE OFF FOR TAPE

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-MVF-03-01	16 x 17 mm	50	550	10.13
IFA-MVF-03-02	16 x 20 mm	-	-	-
IFA-MVF-03-03	16 x 22 mm	-	-	-



MINI VALVE MALE THREAD TAPE

CODE	SIZE (mm x inch)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-MVF-04-01	17 x 1/2"	-	-	-
IFA-MVF-04-02	17 x 3/4"	-	-	-
IFA-MVF-04-03	20 x 1/2"	-	-	-
IFA-MVF-04-04	20 x 3/4"	-	-	-
IFA-MVF-04-05	22 x 1/2"	-	-	-
IFA-MVF-04-06	22 x 3/4"	-	-	-



MINI VALVE COUPLING TAPE

CODE	SIZE (mm x mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
IFA-MVF-05-01	17 x 17 mm	50	450	10.5
IFA-MVF-05-02	20 x 20 mm	-	-	-
IFA-MVF-05-03	22 x 22 mm	-	-	-

COMPRESSION FITTINGS



COUPLER

CODE	SIZE (mm)	PN	BOX (NOS)	BOX (Kg.)
IFA-CMF-00-01	20	16	450	18.45
IFA-CMF-00-02	25	16	260	16.01
IFA-CMF-00-03	32	16	150	14.1
IFA-CMF-00-04	40	10	80	13.66
IFA-CMF-00-05	50	10	60	14.9
IFA-CMF-00-06	63	10	40	14.68
IFA-CMF-00-07	75	10	24	14.82
IFA-CMF-00-08	90	10	12	11.88
IFA-CMF-00-09	110	10	8	11.8



ELBOW

CODE	SIZE (mm)	PN	BOX (NOS)	BOX (Kg.)
IFA-CMF-01-01	20	16	360	15.57
IFA-CMF-01-02	25	16	255	15.49
IFA-CMF-01-03	32	16	140	14.68
IFA-CMF-01-04	40	10	70	13.27
IFA-CMF-01-05	50	10	48	13.59
IFA-CMF-01-06	63	10	30	12.67
IFA-CMF-01-07	75	10	20	11.5
IFA-CMF-01-08	90	10	8	9.73
IFA-CMF-01-09	110	10	5	9.21



END CAP

CODE	SIZE (mm)	PN	BOX (NOS)	BOX (Kg.)
IFA-CMF-02-01	20	16	800	17.78
IFA-CMF-02-02	25	16	480	16.15
IFA-CMF-02-03	32	16	300	15.95
IFA-CMF-02-04	40	10	150	14.15
IFA-CMF-02-05	50	10	120	16.1
IFA-CMF-02-06	63	10	80	16.88
IFA-CMF-02-07	75	10	20	7.5
IFA-CMF-02-08	90	10	20	12.16
IFA-CMF-02-09	110	10	14	11.76



TEE

CODE	SIZE (mm)	PN	BOX (NOS)	BOX (Kg.)
IFA-CMF-06-01	20	16	225	14.43
IFA-CMF-06-02	25	16	150	15.17
IFA-CMF-06-03	32	16	90	14.43
IFA-CMF-06-04	40	10	48	13.3
IFA-CMF-06-05	50	10	30	12.43
IFA-CMF-06-06	63	10	18	11.89
IFA-CMF-06-07	75	10	10	11.08
IFA-CMF-06-08	90	10	6	10.49
IFA-CMF-06-09	110	10	3	8.19

MALE THREAD ADAPTOR





MALE THREAD ADAPTOR

CODE	SIZE (mm)	PN	BOX (NOS)	BOX (Kg.)
IFA-CMF-03-01	20*1/2"	16	800	18.55
IFA-CMF-03-02	20*3/4"	16	700	16.85
IFA-CMF-03-03	25*1/2"	16	450	15.19
IFA-CMF-03-04	25*3/4"	16	450	15.91
IFA-CMF-03-05	25*1"	16	-	-
IFA-CMF-03-06	32*3/4"	16	300	16.2
IFA-CMF-03-07	32*1"	16	280	15.8
IFA-CMF-03-08	32*1-1/4"	16	240	14.8
IFA-CMF-03-09	40*1"	10	150	13.98
IFA-CMF-03-10	40*1-1/4"	10	140	14.17
IFA-CMF-03-11	40*1-1/2"	10	140	14.3
IFA-CMF-03-12	50*1-1/4"	10	115	16.23
IFA-CMF-03-13	50*1-1/2"	10	100	14.26
IFA-CMF-03-14	50*2"	10	95	14.39
IFA-CMF-03-15	63*1-1/2"	10	72	15.52
IFA-CMF-03-16	63*2"	10	60	13.09
IFA-CMF-03-17	63*2-1/2"	10	55	13.3
IFA-CMF-03-18	75*2"	10	36	13.8
IFA-CMF-03-19	75*2-1/2"	10	15	6.38
IFA-CMF-03-20	75*3"	10	33	10.06
IFA-CMF-03-21	90*2"	10	-	-
IFA-CMF-03-22	90*2-1/2"	10	-	-
IFA-CMF-03-23	90*3"	10	20	12.24
IFA-CMF-03-24	90*4"	10	-	-
IFA-CMF-03-25	110*2"	10	-	-
IFA-CMF-03-26	110*3"	10	14	12.09
IFA-CMF-03-27	110*4"	10	12	10.95

FEMALE THREAD ADAPTOR

CODE	SIZE (mm)	PN	BOX (NOS)	BOX (Kg.)
IFA-CMF-04-01	20*1/2"	16	600	15.78
IFA-CMF-04-02	20*3/4"	16	600	17.35
IFA-CMF-04-03	25*1/2"	16	-	-
IFA-CMF-04-04	25*3/4"	16	400	15.5
IFA-CMF-04-05	25*1"	16	-	-
IFA-CMF-04-06	32*3/4"	16	-	-
IFA-CMF-04-07	32*1"	16	210	12.18
IFA-CMF-04-08	32*1-1/4"	16	-	-
IFA-CMF-04-09	40*1"	10	-	-
IFA-CMF-04-10	40*1-1/4"	10	140	14.7
IFA-CMF-04-11	40*1-1/2"	10	-	-
IFA-CMF-04-12	50*1-1/4"	10	-	-
IFA-CMF-04-13	50*1-1/2"	10	-	-
IFA-CMF-04-14	50*2"	10	90	14.95
IFA-CMF-04-15	63*1-1/2"	10	-	-
IFA-CMF-04-16	63*2"	10	60	14.16
IFA-CMF-04-17	63*2-1/2"	10	-	-
IFA-CMF-04-18	75*2"	10	-	-
IFA-CMF-04-19	75*2-1/2"	10	-	-
IFA-CMF-04-20	75*3"	10	-	-
IFA-CMF-04-21	90*2"	10	-	-
IFA-CMF-04-22	90*2-1/2"	10	18	11.73
IFA-CMF-04-23	90*3"	10	-	-
IFA-CMF-04-24	90*4"	10	-	-
IFA-CMF-04-25	110*2"	10	-	-
IFA-CMF-04-26	110*3"	10	14	12.09
IFA-CMF-04-27	110*4"	10	12	10.95

MALE THREAD ADAPTOR





MALE 90 ELBOW

CODE	SIZE (mm)	PN	BOX (NOS)	BOX (Kg.)
IFA-CMF-05-01	20*1/2"	16	450	12.15
IFA-CMF-05-02	20*3/4"	16	450	12.86
IFA-CMF-05-03	25*1/2"	16	-	-
IFA-CMF-05-04	25*3/4"	16	350	15.7
IFA-CMF-05-05	25*1"	16	-	-
IFA-CMF-05-06	32*3/4"	16	200	14.75
IFA-CMF-05-07	32*1"	16	250	17.35
IFA-CMF-05-08	32*1-1/4"	16	250	18.98
IFA-CMF-05-09	40*1"	10	150	17.74
IFA-CMF-05-10	40*1-1/4"	10	150	14.86
IFA-CMF-05-11	40*1-1/2"	10	70	9.08
IFA-CMF-05-12	50*1-1/4"	10	-	-
IFA-CMF-05-13	50*1-1/2"	10	80	14.05
IFA-CMF-05-14	50*2"	10	-	-
IFA-CMF-05-15	63*1-1/2"	10	-	-
IFA-CMF-05-16	63*2"	10	48	12.96
IFA-CMF-05-17	63*2-1/2"	10	-	-
IFA-CMF-05-18	75*2-1/2"	10	-	-
IFA-CMF-05-19	75*3"	10	-	-
IFA-CMF-05-20	90*3"	10	10	8.16
IFA-CMF-05-21	90*4"	10	-	-
IFA-CMF-05-22	110*3"	10	-	-
IFA-CMF-05-23	110*4"	10	8	9.7

MALE TEE

CODE	SIZE (mm)	PN	BOX (NOS)	BOX (Kg.)
IFA-CMF-07-01	20*1/2*20	16	280	13.77
IFA-CMF-07-02	20*3/4*20	16	280	14.04
IFA-CMF-07-03	25*1/2*25	16	180	14.05
IFA-CMF-07-04	25*3/4*25	16	-	-
IFA-CMF-07-05	25*1*25	16	150	12.5
IFA-CMF-07-06	32*3/4*32	16	120	14.75
IFA-CMF-07-07	32*1*32	16	100	12.07
IFA-CMF-07-08	32*1-1/4*32	16	100	12.66
IFA-CMF-07-09	40*1*40	10	-	-
IFA-CMF-07-10	40*1-1/4*40	10	56	12.2
IFA-CMF-07-11	40*1-1/2*40	10	80	16.95
IFA-CMF-07-12	50*1-1/4*50	10	-	-
IFA-CMF-07-13	50*1-1/2*50	10	-	-
IFA-CMF-07-14	50*2*50	10	-	-
IFA-CMF-07-15	63*1-1/2*63	10	24	11.55
IFA-CMF-07-16	63*2*63	10	24	11.87
IFA-CMF-07-17	63*2-1/2*63	10	15	12.76
IFA-CMF-07-18	75*2-1/2*75	10	15	12.76
IFA-CMF-07-19	75*3*75	10	-	-
IFA-CMF-07-20	90*2-1/2*90	10	-	-
IFA-CMF-07-21	90*3*90	10	8	8.13
IFA-CMF-07-22	90*4*90	10	-	-
IFA-CMF-07-23	110*4*110	10	5	10.4

MALE THREAD ADAPTOR





REDUCING COUPLER

CODE	SIZE (mm)	PN	BOX (NOS)	BOX (Kg.)
IFA-CMF-08-01	25*20	16	300	15.18
IFA-CMF-08-02	32*20	16	240	16.6
IFA-CMF-08-03	32*25	16	210	16.5
IFA-CMF-08-04	40*32	10	120	16.12
IFA-CMF-08-05	50*32	10	85	15.22
IFA-CMF-08-06	50*40	10	72	15.25
IFA-CMF-08-07	63*40	10	40	12.02
IFA-CMF-08-08	63*50	10	48	14.54
IFA-CMF-08-09	75*50	10	15	7.64
IFA-CMF-08-10	75*63	10	25	12.69
IFA-CMF-08-11	90*63	10	17	12.36
IFA-CMF-08-12	90*75	10	14	12.04
IFA-CMF-08-13	110*75	10	-	-
IFA-CMF-08-14	110*90	10	10	12.64

REDUCING TEE

CODE	SIZE (mm)	PN	BOX (NOS)	BOX (Kg.)
IFA-CMF-09-01	25*20*25	16	150	13.7
IFA-CMF-09-02	32*20*32	16	100	14
IFA-CMF-09-03	32*25*32	16	100	14.2
IFA-CMF-09-04	40*25*40	10	80	17.38
IFA-CMF-09-05	40*32*40	10	52	12.75
IFA-CMF-09-06	50*32*50	10	-	-
IFA-CMF-09-07	50*40*50	10	35	13.1
IFA-CMF-09-08	63*32*63	10	24	12.08
IFA-CMF-09-09	63*40*63	10	22	11.85
IFA-CMF-09-10	63*50*63	10	20	11.51
IFA-CMF-09-11	75*50*75	10	-	-
IFA-CMF-09-12	75*63*75	10	12	11.6
IFA-CMF-09-13	90*63*90	10	7	10.75
IFA-CMF-09-14	90*75*90	10	-	-

EMITTERS





EMITTERS



ONLINE DRIPPER - NON PC

CODE	FLOW RATE (LPH)	OPERATING PRESSURE (kg/cm^2)	PACKING (Nos.)
EMD-OLD-00-01	2	1	100
	4	1	100
	8	1	100
	16	1	100

FEATURES

Turbulent flow path with a wide cross-sectional area makes the dripper clog-resistant.

Openable dripper for easy cleaning.

Narrow cross-shaped inlet which acts as a filter.

No adverse effects of UV radiation and the environment.

Excellent flow characteristics.

Provides excellent flow characteristics for uniform irrigation.

APPLICATIONS

Recommended for orchards, vegetables, fruit crops and floricultural plants on flat terrain or on moderate s moderate slopes.

EMITTERS



ONLINE DRIPPER - PC

CODE	FLOW RATE (LPH)	OPERATING PRESSURE (kg/cm^2)	PACKING (Nos.)
EMD-OLD-01-01	2	0.5 - 4	100
	4	0.5 - 4	100
	8	0.5 - 4	100
	16	0.5 - 4	100

FEATURES

Self-flushing mechanism at every start-up ensures reliable operation and less maintenance.

No-drain models eliminate run-off or puddling in uneven terrain and overhead drip applications.

Non-openable dripper with anti-bug cap.

Can be adopted with a multi-branch outlet.

Flow unaffected by varying inlet pressure or slopes.

Highest quality plastic with silicone diaphragm provides reliable performance in the toughest UV and chemical conditions.

APPLICATIONS

Ideal application includes vineyards, greenhouses, nurseries and landscapes.

Excellent choice for steep slopes and undulating terrain.

Used in pulse irrigation application.

Recommended to use where the section size is large and a longer length of run is required.

EMITTERS



ADJUSTABLE DRIPPER

CODE	SIZE	QTY / BAG (nos)	QTY / BOX (nos)	WEIGHT (kg)
EMD-OLD-02-01	0 - 70 L/H	500	8000	14



FLAG DRIPPER

CODE	SIZE	QTY / BAG (nos)	QTY / BOX (nos)	WEIGHT (kg)
EMD-OLD-03-01	2 - 16 L/H	500	8000	14.5



ADJUSTABLE DRIPPER

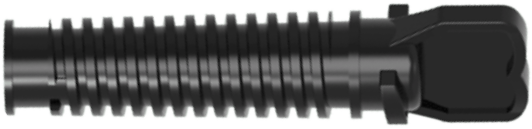
CODE	SIZE	QTY / BAG (nos)	QTY / BOX (nos)	WEIGHT (kg)
EMD-OLD-04-01	2 - 16 L/H	500	8000	14.5



BUTTON RAY DRIPPER

CODE	SIZE	QTY / BAG (nos)	QTY / BOX (nos)	WEIGHT (kg)
EMD-OLD-05-01	1.3mm	200	9000	20.07
EMD-OLD-05-02	1.45mm	-	-	-

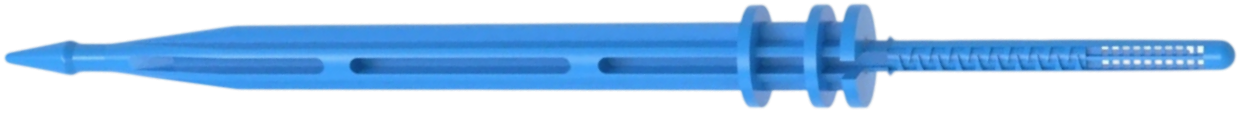




KEY CLIP DRIPPER

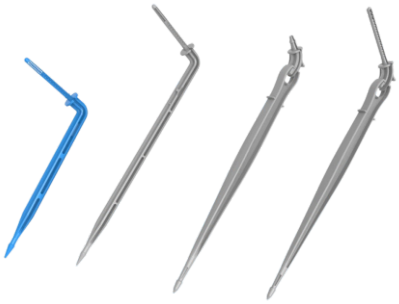
CODE	SIZE	QTY / BAG (nos)	QTY / BOX (nos)	WEIGHT (kg)
EMD-OLD-06-01	16	100	900	10

ARROW DRIPPERS



STRAIGHT DRIPPER ARROW

CODE	SIZE	QTY / BAG (nos)	QTY / BOX (nos)	WEIGHT (kg)
EMD-OLD-07-01	2.2 - 10cm	100	3000	7.61



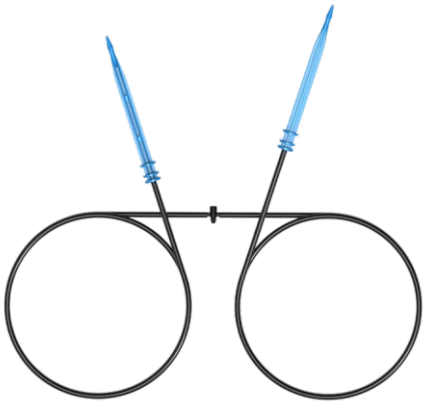
BEND DRIPPER ARROW

CODE	SIZE	QTY / BAG (nos)	QTY / BOX (nos)	WEIGHT (kg)
EMD-OLD-08-01	2.2 - 11cm	100	2000	5.28
EMD-OLD-08-02	2.2 - 16cm			
EMD-OLD-08-03	17cm			
EMD-OLD-08-04	2.2 - 17cm	200	2000	6.77
EMD-OLD-08-05	17cm			



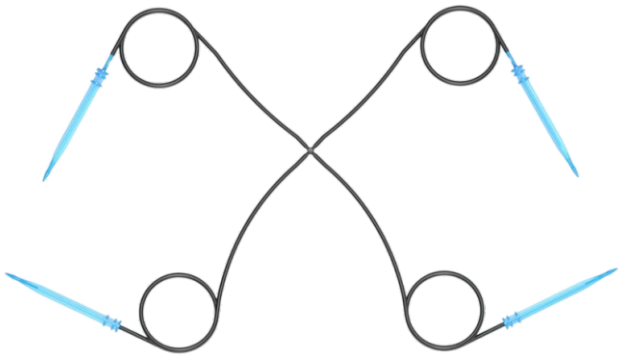
ARROW DRIPPER - ONE WAY KITS

CODE	SIZE	QTY / BAG (nos)	QTY / BOX (nos)	WEIGHT (kg)
EMD-OLD-09-01	3 x 5x 0.5	-	-	-
EMD-OLD-09-02	3 x 5x 0.5	-	800	9.5
EMD-OLD-09-03	3 x 5x 0.5	-	-	-
EMD-OLD-09-04	3 x 5x 0.5	-	-	-
EMD-OLD-09-05	3 x 5x 0.5	-	-	-
EMD-OLD-09-06	3 x 5x 0.5	-	-	-



ARROW DRIPPER - TWO WAY KITS

CODE	SIZE	QTY / BAG (nos)	QTY / BOX (nos)	WEIGHT (kg)
EMD-OLD-10-01	3 x 5x 0.5	-	500	12.2
EMD-OLD-10-02	3 x 5x 0.5	1	300	9.97
EMD-OLD-10-03	3 x 5x 0.5	-	-	-
EMD-OLD-10-04	3 x 5x 0.5	-	-	-
EMD-OLD-10-05	3 x 5x 0.5	-	-	-
EMD-OLD-10-06	3 x 5x 0.5	-	-	-

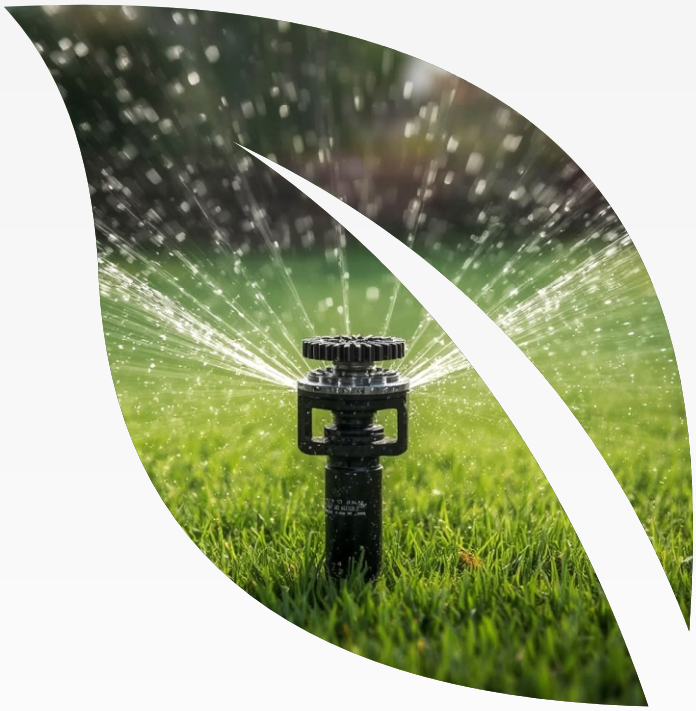


ARROW DRIPPER - FOUR WAY KITS

CODE	SIZE	QTY / BAG (nos)	QTY / BOX (nos)	WEIGHT (kg)
EMD-OLD-11-01	3 x 5x 0.5	1	300	13.98
EMD-OLD-11-02	3 x 5x 0.5	1	250	11.44
EMD-OLD-11-03	3 x 5x 0.5			
EMD-OLD-11-04	3 x 5x 0.5			
EMD-OLD-11-05	3 x 5x 0.5			
EMD-OLD-11-06	3 x 5x 0.5			

SPRINKLER



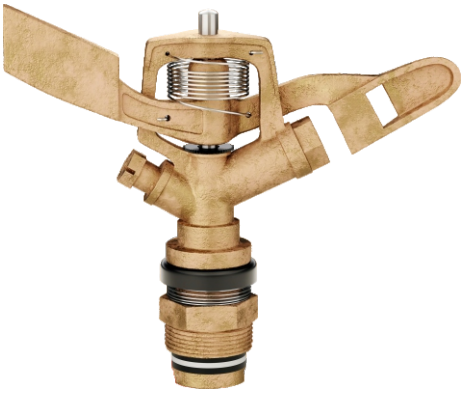


SPRINKLER



PLASTIC SPRINKLER NOZZLE 3/4"

CODE	NOZZLE (mm)	PRESSURE (kg/cm^2)	RADIUS (mtr)	DISCHARGE RATE (LPM)	PRECIPITATION RATE (mm/hr) SPACING (12mtr x 12mtr)
SPN-IMS-00-01	5.15 x 3.17 (Black)	1	11.6	23.83	11.3
		2	13.2	32.5	13.5
		3	14.5	43.33	16.8
SPN-IMS-00-02	4.76 x 3.17 (Grey)	1	10.8	22.17	9.3
		2	13	30.33	11.8
		3	14	39.17	15.9



BRASS SPRINKLER NOZZLE 3/4"

CODE	NOZZLE (mm)	PRESSURE (kg/cm^2)	COVERAGE DIAMETER (mtr)	DISCHARGE RATE (LPH)
SPN-IMS-01-01	4.1 x 3.17	1	18	1130
	4.1 x 3.17	2	21	1610
	4.1 x 3.17	3	22	1970
SPN-IMS-01-02	4.36 x 3.17	1	19	1230
	4.36 x 3.17	2	22	1770
	4.36 x 3.17	3	24	2110
SPN-IMS-01-03	5.16 x 3.17	1	24	1520
	5.16 x 3.17	2	25	2170
	5.16 x 3.17	3	26	2670

SPRINKLER



MINI SPRINKLER 1/2"

CODE	NOZZLE (mm)	PRESSURE (kg/cm^2)	FLOW RATE (LPH)	WETTED DOC (mtr)
SPN-MSN-00-01	2.4x1.8	0.7	355	17
	2.4x1.8	1	425	18
	2.4x1.8	1.25	475	18.5
	2.4x1.8	1.5	525	18.5
	2.4x1.8	2	600	19
	2.4x1.8	2.5	675	19

PRECIPITATION RATE (mm/hr) SPACING (12mtr x 12mtr)							
8x8	8.5x8.5	9x9	9x10	10x10	9x12	10x12	12x12
5.5	4.9	4.4	3.9	3.6	3.3	3	2.5
6.6	5.9	5.2	4.7	4.3	3.9	3.5	3
7.4	6.6	5.9	5.3	4.8	4.4	4	3.3
8.2	7.3	6.5	5.8	5.3	4.9	4.4	3.6
9.4	8.3	7.4	6.7	6	5.6	5	4.2
10.5	9.3	8.3	7.5	6.8	6.3	5.6	4.7

SPRINKLER

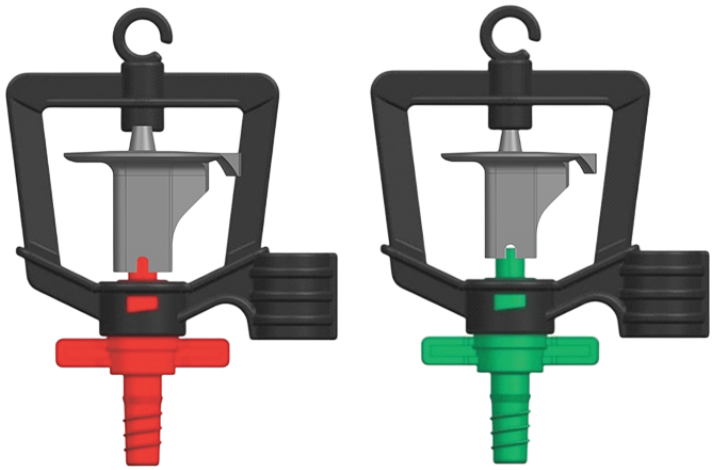


AQUA TUFF

CODE - SPN-MCS-00-01

SWIVEL COLOUR	NOZZLE SIZE & COLOUR	PRESSURE		FLOW RATE		FLOW RATE		PRECIPITATION RATE (mm/hr.) / SPACING (m)					
	mm/inch	kg/cm*	psi	LPH	GPH	MTR	FT	3X3	4X4	5X5	6X6	6.5 x 6.5	7X7
BLACK	0.8 mm /	1.5	21	31	8.2	6	19.7	3.4	1.9				
	0.031"	2	28	36	9.5	6.5	21.3	4	2.2				
	Violet	2.5	36	40	10.6	6.5	21.3	4.3	2.4				
	0.94 mm /	1.5	21	45	11.9	6.5	21.3	5.1	2.8				
	0.037"	2	28	52	13.7	7	23	5.8	3.3	2.1			
	Brown	2.s	36	58	15.3	7	23	6.3	3.5	2.3			
BLUE	1.14mm /	1.5	21	61	16.1	7	23	6.8	3.8	2.4			
	0.045"	2	28	71	18.7	8.5	27.9	8	4.5	2.9			
	Grey	2	36	79	20.8	8.5	27.9	8.8	4.9	3.2			
	1.4mm /	1.5	21	88	23.2	8.5	27.9	9.6	5.4	3.5			
	0.055"	2	28	102	26.9	9	29.5	11.2	6.3	4			
	Green	2.s	36	114	30.1	9.5	31.2	12.7	7.1	4.6			
GREEN	1.54 mm /	J.5	21	106	28	10	32.8	11.6	6.5	4.2	2.9	2.5	2.5
	0.061"	2	28	122	32.2	10.5	34.4	13.5	7.6	4.8	3.4	2.9	2.9
	Orange	2	36	136	35.9	10.5	34.4	15.1	8.5	5.4	3.8	3.2	3.2
	1.74mm /	1.5	21	141	37.2	10.5	34.4	15.7	8.8	5.6	3.9	3.3	3.4
	0.069"	2	28	162	42.7	10.5	34.4	17.7	10	6.4	4.4	3.8	3.8
	Black	2.5	36	181	47.8	11	36.1	20.1	11.3	7.2	5	4.3	4.3
	1.98mm /	1.5	21	177	46.7	11.5	37.7	19.8	11.1	7.1	4.9	4.2	4.2
	0.078"	2	28	204	53.8	12	39.4	22.8	12.8	8.2	5.7	4.9	4.9
	Blue	2.s	36	225	59.4	12	39.4	25.2	14.2	9.1	6.3	5.4	5.4
	2.2mm /	1.5	21	212	55.9	12.5	41	23.6	13.3	8.5	5.9	5	5.1
	0.087"	2	28	245	64.6	12.5	41	27.2	15.3	9.8	6.8	5.8	5.8
	Yellow	2.5	36	274	72.3	13	42.6	30.5	17.2	11	7.6	6.5	6.5
	2.4mm /	1.5	21	251	66.2	12.5	41	28	15.7	10.1	7	6	6
	0.094"	2	28	290	76.5	12.5	41	32.1	18.1	11.6	8	6.8	6.9
	Red	2.5	36	324	85.5	13	42.6	36.1	20.3	13	9	7.7	7.7
	2.8mm /	1.5	21	350	92.3	13	42.6	39	21.9	14	9.7	8.3	8.4
	0.11"	2	28	400	105.5	13	42.6	44.3	24.9	16	11.1	9.4	9.5
	White	2.s	36	450	118.7	13	42.6	50	28.1	18	12.5	10.6	10.7

SPRINKLER



AQUA STROM

CODE - SPN-MCS-00-01

NOZZLE COLOR	NOZZLE SIZE (mm)	PRESSURE (bar)	FLOW RATE (LPH)	GREY SWIVEL DIAMETER (m)	PRECIPITATION (mm/hr) SPACING (m)								
					3X3	3x4	4x4	3x5	4x5	5x5	4x6	5x6	6x6
BLUE	1.0	1.0	37	6.5	4	3	2.3						
		1.5	45	7.0	4.9	3.7	2.8	3	2.2	1.8	1.9	1.5	1.2
		2.0	52	7.5	5.8	4.4	3.3	3.5	2.6	2.1	2.2	1.8	1.5
		2.5	58	8.0	6.3	4.8	3.6	3.8	2.9	2.3	2.4	1.9	1.6
		3.0	64	8.0	7.1	5.3	4	4.2	3.2	2.5	2.6	2.1	1.8
GREEN	1.2	1.0	53	8.0	5.9	4.4	3.3	3.5					
		1.5	65	9.0	7.1	5.3	4	4.3	3.2	2.6	2.7	2.1	1.8
		2.0	75	9.0	8.2	6.1	4.6	4.9	3.7	2.9	3.1	2.4	2
		2.5	84	9.5	9.2	6.9	5.2	5.5	4.2	3.3	3.5	2.8	2.3
		3.0	92	10.0	10.4	7.8	5.8	6.2	4.7	3.7	3.9	3.1	2.6
RED	1.4	1.0	72	8.5	8	6	4.5	4.8	3.6	2.9	3		
		1.5	88	9.0	9.8	7.3	5.5	5.9	4.4	3.5	3.7	2.9	2.4
		2.0	102	9.5	11.5	8.6	6.5	6.9	5.2	4.1	4.3	3.4	2.9
		2.5	114	10.0	12.7	9.6	7.2	7.6	5.7	4.6	4.8	3.8	3.2
		3.0	125	10.0	13.8	10.3	7.7	8.3	6.2	5	5.2	4.1	3.4
VIOLET	1.8	1.0	114	9.0	12.8	9.6	7.2	7.7	5.7	4.6	4.8	3.8	3.2
		1.5	140	10.0	15.5	11.6	8.7	9.3	7	5.6	5.8	4.7	3.9
		2.0	162	10.5	17.9	13.4	10	10.7	8	6.4	6.7	5.4	4.5
		2.5	181	11.0	19.8	14.9	11.1	11.9	8.9	7.1	7.4	5.9	5
		3.0	198	11.0	22	16.5	12.4	13.2	9.9	7.9	8.3	6.6	5.5

CDU < 80%	75% <= CDU < 80%	80% <= CDU < 85%	85% <= CDU < 90%	CDU => 90%

SPRINKLER



AQUA FLY

CODE - SPN-MCS-02-01

NOZZLE SIZE & COLOUR	PRESSURE		FLOW RATE		WETTED DIAMETER		PRECIPITATION RATE (mm / hr.) RECTANGULAR SPACING (m)		
mm/inch	kg/cm²	psi	LPH	GPH	MTR	FT	4x4	5x5	6x6
2.5mm/3/32" PURPLE	1.0	14	235	1.0	10.5	34.4	14.7	9.4	6.5
	1.25	18	265	1.2	11.0	36.1	16.6	10.8	7.4
	1.5	21	290	1.3	11.5	37.7	18.2	11.6	8.1
	2.0	28	335	1.5	12.0	39.4	21	13.5	9.3
	2.5	36	375	1.6	12.5	41.0	23.4	15	12.4
	3.0	43	410	1.8	13.0	42.7	25.6	16.4	11.4
2.8mm/7/64" BROWN	1.0	14	300	1.3	11.0	36.1	18.7	12	8.3
	1.25	18	335	1.5	11.5	37.7	20.9	13.4	9.3
	1.5	21	365	1.6	12.0	39.4	22.8	14.6	10.1
	2.0	28	425	1.9	12.5	41.0	26.6	17.1	11.8
	2.5	36	470	2.1	12.5	41.0	29.3	18.8	13.0
	3.0	43	515	2.3	13.0	42.7	32.2	20.6	14.3
3.2mm/1/8" GREEN	1.0	14	390	1.7	11.5	37.7	24.4	15.6	10.8
	1.25	18	435	1.9	12.0	39.4	27.2	17.4	12.1
	1.5	21	480	2.1	12.5	41.0	29.9	19.1	13.3
	2.0	28	550	2.4	13.0	42.7	34.5	22.1	15.3
	2.5	36	620	2.7	13.0	42.7	38.7	24.7	17.2
	3.0	43	675	3.0	13.5	44.3	42.2	27	18.7
3.5mm/9/64" BLUE	1.0	14	465	2.0	12.0	39.4	29.1	18.6	12.9
	1.25	18	520	2.3	12.5	41.0	32.5	20.8	14.4
	1.5	21	570	2.5	13.0	42.7	35.6	22.8	15.8
	2.0	28	660	2.9	13.5	44.3	41.2	26.4	18.3
	2.5	36	740	3.3	13.5	44.3	46.4	29.7	20.6
	3.0	43	810	3.6	13.5	44.3	50.7	32.5	22.5
3.96mm/5/32" ORANGE	1.0	14	595	2.6	12.5	41.0	37.2	23.8	16.5
	1.25	18	670	2.9	13.0	42.7	41.9	26.8	18.6
	1.5	21	730	3.2	13.5	44.3	45.7	29.2	20.3
	2.0	28	845	3.7	13.5	44.3	52.9	33.9	23.5
	2.5	36	945	4.2	14.0	45.9	59	37.8	26.2
	3.0	43	103.5	4.6	14.0	45.9	64.7	41.4	28.7

CDU < 75%	75% <= CDU < 80%	80% <= CDU < 85%	85% <= CDU < 90%	CDU => 90%

SPRINKLER



SUPER FLY

CODE - SPN-MCS-03-01			
SIZE	PRESSURE (Kg/cm$^{2)}$	FLOW RATE (LPH)	DIAMETER (MTR)
1/2"	0.5	448	11.00
	1.0	620	12.00
	1.5	795	12.00
	2.0	810	13.00
3/4"	0.5	573	12.00
	1.0	776	13.00
	1.5	996	13.50
	2.0	1030	14.00

FEATURES
1/2" & 3/4" Male Threaded Connection.
Flow Range: 450 LPH TO 1020 LPH.
Operating Pressure Range: 0.5 kg/cm^2 to 2.00 kg/cm^2
Nozzle and Body Made of Engineering Plastic.
Recommended Spacing 4x4, 5x5, and 6x6 Meters.
Robust Structure to Withstand Adverse Weather Conditions.
Self Rotating Bridge For Excellent Uniformity And Leaves No Dry Patches on The Field.

SPRINKLER



WINKLER

CODE - SPN-WKR-00-01

NOZZLE SIZE & COLOUR	PRESSURE		FLOW RATE		WETTED DIAMETER		PRECIPITATION RATE (mm / hr.) RECTANGULAR SPACING (m)				
mm/inch	kg/cm²	psi	LPH	GPH	MTR	FT	4x4	5x5	6x6	7x7	8x8
2.8mm/7/64" BROWN	0.7	10	255	11	12.0	39.4	15.9	10.2	7.1	5.2	4.0
	10	14	305	13	14.0	45.9	19.1	12.2	8.5	6.2	4.8
	125	18	340	1.5	14.5	47.6	21.3	13.6	9.4	6.9	5.3
	15	21	370	16	15.0	49.2	23.1	14.8	10.3	7.6	5.8
	175	25	400	18	15.5	50.8	25.0	16.0	11.1	8.2	6.3
	20	28	430	1.9	16.0	52.5	26.9	17.2	11.9	8.8	6.7
3.2mm/1/8" GREEN	0.7	10	335	15	12.0	39.4	20.9	13.4	9.3	6.8	5.2
	10	14	400	18	14.5	47.6	25	16	11.1	8.2	6.2
	125	18	450	20	14.5	47.6	28	17.9	12.4	9.1	7
	15	21	490	22	15.0	49.2	30.6	19.6	13.6	10	7.6
	175	25	530	23	15.5	50.9	33.1	21.2	14.7	10.8	8.3
	20	28	565	25	16.0	52.5	35.2	22.5	15.6	11.5	8.8
4.0mm/5/32" ORANGE	0.7	10	500	22	13.0	427	31.3	20	13.9	10.2	7.8
	10	34	600	26	14.5	47.6	37.6	24	16.7	12.3	9.4
	125	18	670	29	15.0	49.2	41.7	26.7	18.5	13.6	10.4
	1.5	21	735	32	15.5	50.9	45.9	29.4	20.4	15	11.5
	175	25	800	3.5	16.0	52.5	49.9	31.9	22.2	16.3	12.5
	20	28	850	37	16.5	543	53	33.9	23.5	17.3	13.2
4.5mm/11/64" GREY	0.7	10	670	29	13.5	44.3	41.8	26.8	18.6	13.6	10.5
	10	14	800	3.5	15.0	49.3	49.9	31.9	22.2	16.3	12.5
	125	18	900	4.0	15.5	50.9	56.2	36	25	18.4	14.1
	15	21	980	4.3	16.0	52.5	61.2	39.2	27.2	20	15.3
	175	25	1050	4.6	16.0	52.4	65.6	42	29.1	21.4	16.4
	20	28	1130	50	16.5	543	70.6	45.2	31.4	23	17.6
5.0mm/13/64" PURPLE	0.7	10	800	3.5	14.5	47.6	49.9	32	22.2	16.3	12.5
	10	14	950	42	15.0	49.2	59.2	37.9	26.3	19.3	14.8
	125	18	1060	4.7	16.0	52.5	66.1	42.3	29.4	21.6	16.5
	1.5	21	1170	51	16.5	543	73.2	46.8	32.5	23.9	18.3
	1.8	25	1260	5.5	17.0	55.8	78.7	50.4	35	25.7	19.7
	20	28	1350	5.9	17.0	55.8	84.3	54	37.5	27.5	21.1

CDU < 75%	75% <= CDU < 80%	80% <= CDU < 85%	85% <= CDU < 90%	CDU => 90%

SPRINKLER



MICRO JET

CODE - SPN-MCJ-00-01

NOZZLE SIZE	PRESSURE	FLOW RATE										
			12 X 360°	9 X 270°	8 X 210°	8 X 180°	16 X 360°	22 X 360°	12 X 360°		11 x 330°	
(mm)	kg/cm²	LPH	W	U	C	H	J2	E	A		N	
									High	Low	High	Low
0.74 BLACK	0.7	16	2.8	4.0	3.2	2.3	3.4	3.0	3.2	2.6	3.1	2.6
	1	20	3.1	4.7	3.5	2.8	3.9	3.4	3.8	3.0	3.8	3.2
	1.5	24	3.7	5.1	4	3.3	4.5	3.4	4.4	3.5	4.2	3.2
	2	28	4.5	5.5	4.3	3.6	5	4.2	4.7	3.8	4.7	3.5
0.86 ORANGE	0.7	23	3.2	4.0	4.25	4	3.9	3.3	4.0	3.1	4.3	3.1
	1	28	3.8	4.6	4.9	3.3	4.8	3.7	4.6	3.6	4.9	3.6
	1.5	35	4.5	5.4	5.2	4	5	4.0	5.3	4.2	5.3	4.2
	2	41	5.3	6.1	5.8	4.6	5.8	4.8	5.8	4.8	5.8	4.7
0.94 BLUE	0.7	29	3.9	4.5	4.7	5.2	4.5	3.5	4.6	3.5	4.6	3.5
	1	34	4.5	5.2	5.5	5.8	5	4.0	5.0	4.0	5.0	4.0
	1.5	42	5.3	6.1	6.1	4.5	5.5	4.6	5.8	4.6	5.8	4.6
	2	49	6.1	6.7	6.6	5.5	6.1	5.4	6.5	5.5	6.5	5.5
1.1 VIOLET	0.7	40	4.5	5.0	5.2	6.5	4.8	4.0	5.2	4.0	5.2	4.0
	1	47	5.2	5.8	6.1	7.2	5.2	4.3	5.8	4.4	6.0	4.5
	1.5	58	6.1	6.7	7.0	7.7	5.8	5.2	6.5	5.0	6.9	5.3
	2	67	6.9	7.8	7.8	7.2	6.4	6.0	7.6	6.2	7.7	6.3
1.2 GREEN	0.7	45	5.2	5.5	5.6	8.7	5.5	4.0	5.8	4.4	6.1	4.4
	1	54	5.9	6.4	6.7	10	6.6	4.6	6.8	5.0	7.1	5.0
	1.5	66	6.9	7.3	7	11.1	7.4	5.5	7.7	5.6	7.5	5.9
	2	75	7.7	8.4	8.6	12.4	8.5	6.6	8.6	6.8	8.5	6.8

SPRINKLER



J - JETS

CODE - SPN-MCJ-01-01

NOZZLE SIZE/COLOUR		PATTERN	PRESSURE		FLOW RATE		WETTED DIAMETER	
(mm)	(inch)		kg/cm²	psi	LPH	GPH	Mtr.	Ft.
0.9 mm BLACK	0.035" BLACK	180°	0.5	7	21	5.5	2.0	6.6
			1.0	14	30	7.9	2.2	7.2
			1.5	21	37	9.8	2.2	7.2
			2.0	28	42	11.1	2.4	7.9
0.7 mm BLACK	0.027" BLACK	360°	0.5	7	14	3.7	1.2	3.9
			1.0	14	18	4.7	1.4	4.6
			1.5	21	22	5.8	1.6	5.2
			2.0	28	26	6.9	1.6	5.2
1.0 mm GREEN	0.039" GREEN	360°	0.5	7	28	7.4	1.4	4.6
			1.0	14	40	10.6	1.6	5.2
			1.5	21	49	12.9	1.8	5.9
			2.0	28	57	15.0	1.8	5.9

SPRINKLER



AQUA MIC (MIST SPRAYER)

CODE - SPN-MST-00-01				
NOZZLE SIZE	COLOR CODE	PRESSURE kg/cm^2	FLOW RATE LPH	WETTED Dia. (m)
0.8mm	Black	1.0	24	1.8
		2.0	34	2.0
		3.0	42	2.2
1.0mm	Purple	1.0	37	2.0
		2.0	52	2.3
		3.0	64	2.5
1.2mm	Orange	1.0	54	2.3
		2.0	76	2.6
		3.0	93	2.9
1.4mm	Blue	1.0	72	3.0
		2.0	102	3.2
		3.0	125	3.4
1.6mm	Yellow	1.0	92	3.4
		2.0	130	3.7
		3.0	159	3.8
1.8mm	Green	1.0	115	3.6
		2.0	162	4.0
		3.0	198	4.2

FEATURES & SPECIFICATIONS

Bayonet Connection

Mist Static Swivel In Black Color

6 Color - Coded Nozzles For Flow Rates From 24-198 LPH

Excellent Distribution Uniformity Ranging From Spacing: 1.5x1.5 & 2x2

APPLICATIONS

For Plant Propagation & Creation Of Micro Climatic Conditions In Greenhouses,

Nurseries & Propagation Chambers.

SPRINKLER



RAIN GUN - 1 1/2"

CODE - SPN-RNG-00-01						
NOZZLE SIZE (mm)	10x4		12x4		14x4	
PRESSURE AT SPRINKLER HEAD (kg/cm2)	DIAMETER OF COVERAGE (mtr)	DISCHARGE (LPM)	DIAMETER OF COVERAGE (mtr)	DISCHARGE (LPM)	DIAMETER OF COVERAGE (mtr)	DISCHARGE (LPM)
2.0	38.0	106.0	42.0	149.0	45.0	197.0
3.0	42.0	130.0	47.0	182.0	48.0	241.0
4.0	45.0	151.0	52.0	211.0	54.0	278.0
5.0	47.0	170.0	56.0	236.0	58.0	311.0





BUBBLER

CODE - SPN-BBL-00-01	
PERFORMANCE CHART*	
PRESSURE (Kg/cm^2)	DISCHARGE (LPH)
1	450
2	720
3	1080

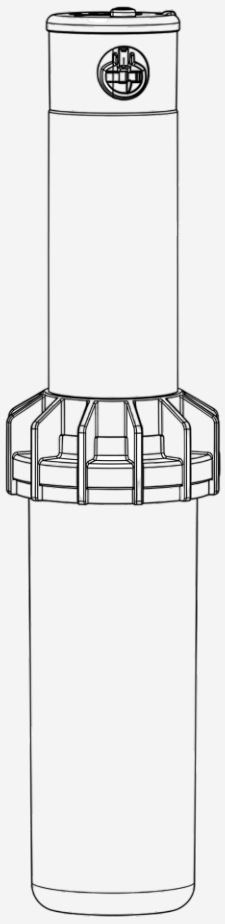
FEATURES
1. Comes With An Optional Stake With A 16mm Inlet For Easy Installation.
2. Pressure Compensation Ensures Consistent Flow Rates Over Lower Pressure Ranges.
3. Designed For A Rugged Environment, The 1/2" Threaded Inlet Makes These Devices Ideal For Installations Using A Pvc Pipe.

SPRINKLER



ROTOR

SPECIFICATIONS		
3/4" Female Threaded		
Arc Adjustment Range	:	40° to 360°
Flow Range	:	1.9 - 32.6 l/m
Pressure Rating	:	2 - 4.8 kg/cm^2
Precipitation Rate	:	3 to 10 mm/h
Overall Height (Popped Down)	:	7 3/8"
Recommended Spacing	:	7.6 to 13.7 mtr
Radius	:	6.7 to 15.5 mtr
Nozzle Trajectory	:	25°
Low Angle Nozzle Trajectory	:	11°
8 Standard and 4 Low Angle Nozzles Included		
Riser Height	:	4"



CODE - SPN-PUS-00-01			
PERFORMANCE DATA - STANDARD			
NOZZLE	PRESSURE (kg/cm^2)	RADIUS (mtr)	FLOW RATE (ltr/min)
0.5	2.1	8.5	1.9
	2.8	8.8	2.3
	3.4	8.8	2.7
	4.1	9.1	3.0
0.75	2.1	8.8	2.6
	2.8	9.1	3.0
	3.4	9.1	3.4
	4.1	9.4	3.8
1	2.1	9.1	3.4
	2.8	9.4	3.8
	3.4	9.4	4.5
	4.1	9.8	4.9
2	2.1	9.8	4.5
	2.8	10.1	5.3
	3.4	10.4	6.1
	4.1	10.4	6.8
3 Pre-Installed	2.1	11.0	7.6
	2.8	11.6	9.1
	3.4	12.2	10.2
	4.1	12.2	11.0
4	2.1	11.0	9.8
	2.8	12.2	11.4
	3.4	12.8	12.9
	4.1	12.8	14.0
6	2.1	11.6	15.9
	2.8	13.1	18.5
	3.4	14.0	20.8
	4.1	14.3	22.7
8	2.8	13.7	22.7
	3.4	14.6	25.7
	4.1	14.9	28.8
	4.8	15.5	31.0

SPRINKLER



NP SPRAYERS

CODE - SPN-PUS-01-01
FEATURES
Available In 2" And 4" Models-provides Flexibility In System Design.
Accepts Female Threaded Nozzles
Stainless Steel Retraction Spring-provides Reliable Retraction Of The Riser In All Soil Conditions.
Ratcheting Riser-allows For Easy Pattern Alignment By Turning The Riser.
Co-molded Wiper Seal - Ensures Leak Free, Full Pop-up Operation Even Under Low- Pressure Situations.
Narrow Profile Body - Easy To Retrofit With Existing Systems.
Two Year Limited Warranty

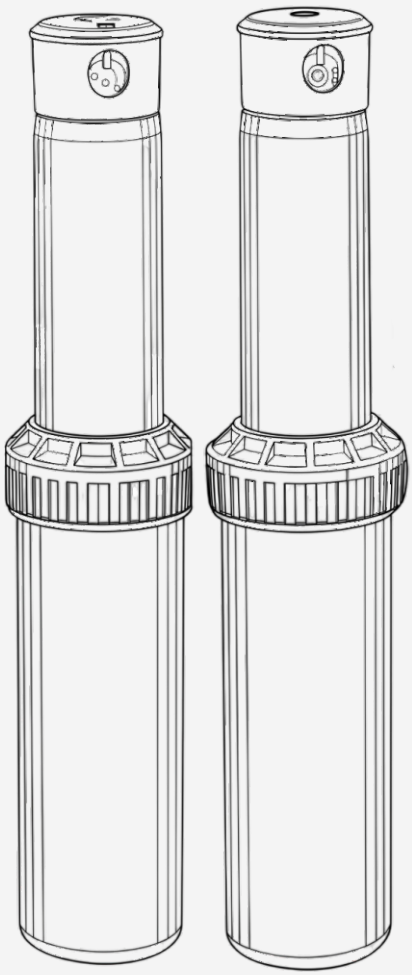
SPECIFICATIONS		
1/2" Female Threaded Inlet		
Pressure Rating	:	1.5-3.5 Kg/cm2
Flow Range	:	1.9 - 20.4 ltr/min
Precipitation Rate	:	7.6 - 101.6 mm/hr
Nominal Radius	:	2.7-5.5 mtr

SPRINKLER



ROTOR PLUS

SPECIFICATIONS	
3/4" Female Threaded	
Arc Adjustment Range	: 40° to 360°
Flow Range	: 1.8 to 11.3 ltr/min
Pressure Rating	: 2.0 to 5.0 kg/cm^2
Precipitation Rate	: 1.6 to 12.9 mm/h
Overall Height (Popped Down)	: 7 1/2"
Recommended Spacing	: 8.5 to 13.4 mtr
Radius	: 8.5 to 15.2 mtr
Nozzle Trajectory	: 26°
Low Angle Nozzle Trajectory	: 12°
Standard and Low Angle Nozzle	: Included
Riser Height	: 5"



CODE - SPN-PUS-02-01

PERFORMANCE DATA - STANDARD

NOZZLE	PRESSURE (kg/cm^2)	RADIUS (mtr)	FLOW RATE (ltr/min)	PRECIPITATION RATE*	
				TRIANGULAR (mm/hr)	SQUARE (mm/hr)
0.5	2.0	8.5	1.9	1.8	1.6
	3.0	8.8	2.3	2.0	1.7
	3.5	8.8	2.6	2.3	2.0
	4.0	9.1	3.0	2.5	2.2
0.75	2.0	8.8	2.6	2.3	2.0
	3.0	9.1	3.0	2.5	2.2
	3.5	9.4	3.4	2.6	2.3
	4.0	9.8	3.8	2.8	2.4
1	2.0	11.3	9.1	4.9	4.3
	3.0	12.2	9.5	4.4	3.8
	3.5	12.8	11.4	4.8	4.2
	4.0	13.1	12.5	5.0	4.4
2	2.0	11.3	9.1	4.9	4.3
	3.0	12.2	9.5	4.4	3.8
	3.5	12.8	11.4	4.8	4.2
	4.0	13.1	12.5	5.0	4.4
2.5 Pre-Installed	2.0	11.6	9.5	4.9	4.2
	3.0	11.9	10.6	5.2	4.5
	3.5	12.2	12.1	5.6	4.9
	4.0	12.5	13.2	5.9	5.1
3	2.0	11.6	13.6	7.0	6.1
	3.0	11.9	15.9	7.8	6.8
	3.5	12.5	17.4	7.7	6.7
	4.0	12.8	18.9	8.0	6.9
4	2.0	13.1	16.7	6.7	5.8
	3.0	13.4	19.3	7.4	6.4
	3.5	14.0	21.2	7.5	6.5
	4.0	14.9	22.3	6.9	6.0
6	3.0	13.7	22.3	8.2	7.1
	3.5	14.0	22.7	8.0	6.9
	4.0	14.6	23.8	7.7	6.7
	5.0	14.9	25.4	7.9	6.8
8	3.0	12.8	30.3	12.8	11.1
	3.5	13.7	32.2	11.8	10.3
	4.0	14.9	36.0	11.2	9.7
	5.0	15.2	37.9	11.3	9.8

SPRINKLER



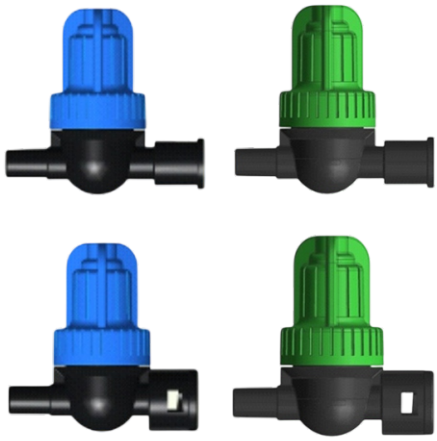
IMPACT POP UP SPRAYERS

PERFORMANCE CHART*			
NOZZLE SIZE-COLOR	PRESSURE (Kg/cm^2)	FLOW RATE (L/H)	DIAMETER (mtr.)
2.9 Orange	2.0	456	22.5
	2.5	509	23.5
	3.0	559	23.8
	3.5	604	24.0
	4.0	646	24.5
3.2 Green	2.0	565	22.8
	2.5	636	23.8
	3.0	700	24.5
	3.5	755	25.0
	4.0	805	25.2
3.5 Blue	2.0	680	23.0
	2.5	760	24.0
	3.0	845	24.8
	3.5	905	25.3
	4.0	975	25.5
4.0 Black	2.0	865	23.2
	2.5	960	24.0
	3.0	1042	25.0
	3.5	1125	25.5
	4.0	1192	25.5

TECHNICAL SPECIFICATIONS
Discharge: 456-1192 L/H
Diameter: 22.5-25.5 mtr
Operating Pressure: 2.0-4.0 kg/cm^2
Bottom Inlet Connection 1/2" & 3/4" Female Threaded
Nozzles Available in Sizes 2.9, 3.2, 3.5 & 4.0 mm
Trajectory Angle: 25°
Full-Circle (360°) Or Part-Circle (Adjustable Arc From 15° to 345°)
Spacing Between Sprinkler: Upto 12m For Excellent Uniformity.

SPRINKLER





FOGGER

FEATURES & SPECIFICATIONS

1. Bridge Less Design Eliminates Dripping.
2. Interchangeable Components.
3. Components Are Acid Resistant Allowing The Application Chemicals To Pass Through The System.
4. Uniformly Distributes An Average Droplet Size Of 60 Micron Within A Pressure Range.
5. Provides Perfect Conditions For Plant Propagation.
6. Leakage Prevention Device (lpd) For Simultaneous Start-up And Shut-down Of The System.

APPLICATIONS

Designed For Cooling And Humidifying Greenhouses & Livestock

Provides Perfect Condition For Plant Propagation & Seed Germination

TECHNICAL SPECIFICATIONS

Recommended Working Pressure: 4.0kg/cm^2

Working Pressure Range: 3.0-5.0 kg/cm^2

Filtration Requirements: 130 microns (120 mesh)

Inlet Connector: Press Fit

Color Coded Sky Blue & Green Nozzles

Sky Blue Nozzle: 5.5LPH, Green Nozzle: 7.5LPH

CODE - SPN-FOG-00-01

FLOW RATES (LPH)

	BLUE NOZZLE FOGGER	GREEN NOZZLE FOGGER
1 Way	5.5	7.5
2 Way	11	15
4 Way	22	30

PERFORMANCE CHART

PRESSURE kg/cm^2	BLUE NOZZLE FOGGER (mtr)	GREEN NOZZLE FOGGER (mtr)
2.5	1.0	1.0
3.0	1.0	1.2
3.5	1.2	1.2
4.0	1.2	1.4
4.5	1.4	1.6

MEDIUM PRESSURE LPD (BLUE INNER)

Opening Pressure	2.5kg/cm^2/35 PSI
Closing Pressure	1.5kg/cm^2/21 PSI

HIGH PRESSURE LPD (GRAY INNER)

Opening Pressure	3kg/cm^2/42 PSI
Closing Pressure	2kg/cm^2/28 PSI

SPRINKLER



OSICILATING SPRINKLER

SPN-OSS-00-01		
TECHNICAL DATA		
EAN code		4039784426344
Sprinkling area (2 bar)		60-190 m^2 (2 bar)
Sprinkling area (4 bar)		100-320 m^2 (4 bar)
Width of spray (2 bar)	m	12
Width of spray (4 bar)	m	16
Area coverage (2 bar)	m	5-16
Area coverage (4 bar)	m	6-20
Colour		black
Weight	kg	0.8
Weight incl. packaging	kg	0.9
Dimensions (L x W x H)	mm	546 x 160 × 88

SPRINKLER



PVC Riser | 50cm | 43cm | 35cm | 34cm | Universal

MICRO SPRINKLER ACCESSIORIES

CODE - SPN-MSA-00-01

MICRO SPRINKLER ACCESSIORIES		
4x 7 Push Fit Butterfly Adaptor 7x 10 Push Fit Butterfly Adaptor	3/8" Threaded Adaptor . with Bayonet connection (4X7 Barb)	Female Bayonet Quick Thread
Female Bayonet (4X7 Barb)	Male Bayonet	Bayonet Plug
Quick Thread Pushfit Connector	Barb Pin Connector Sizes: 3 x 5 | 4 x7 6x87x10	3/8" Threaded Adaptor (Push-Fit)
Bush (6x8)	3/8" Threaded Adaptor (Quick Thread)	3/8" Threaded Adaptor (6 x 8 mm Barb)

SPRINKLER





MINI SPRINKLER ACCESSORIES

CODE - SPN-MNA-00-01	
TECHNICAL SPECIFICATION:	
Parameters	Push Type
Connection Sizes	32mm OD
Threads	Threaded BSP
Male Threaded Adaptor	32x1"
Straight Coupler	32x32
Male Threaded Elbow	32x1"
Terminal End cap	32xPlug
Tee	1"x1"x1"
Tube Assembly	1.2 & 1.5mtr
Connector	1 /2"
Tube Lock	1 /2"

FEATURES
All Parts Made Of UV Stabilized Engineering Plastic.
Excellent Sealing At Min/max. Pressure.
Push-Fit Type Fittings Suitable For Speedy Installation.
Superior Slim & Strong Design Provides a Leak-proof Solution For Pipe Joining.

APPLICATIONS
Simplest & Fastest Way To Connect Irrigation Laterals/pipes.
No Need For Fusion Welding.

PIPES & FITTINGS





PVC PIPES & FITTINGS



AGRICULTURE PVC PIPE

CODE	DIAMETER OUTSISE (Nominal Size) (mm)	MEAN OUTSIDE DIAMETER (mm)		WALL THICKNESS (mm)									
				CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5	
				2.5 kg/cm²		4 kg/cm²		6 kg/cm²		8 kg/cm²		10 kg/cm²	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
PPF-PVC-00-01	20	20	20.3	-	-	-	-	-	-	-	-	1.1	1.5
PPF-PVC-00-02	25	25	25.3	-	-	-	-	-	-	1.2	1.6	1.4	1.8
PPF-PVC-00-03	32	32	32.3	-	-	-	-	-	-	1.5	1.9	1.8	2.2
PPF-PVC-00-04	40	40	40.3	-	-	-	-	1.4	1.8	1.8	2.2	2.2	2.7
PPF-PVC-00-05	50	50	50.3	-	-	-	-	1.7	2.1	2.3	2.8	2.8	3.3
PPF-PVC-00-06	63	63	63.3	-	-	1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1
PPF-PVC-00-07	75	75	75.3	-	-	1.8	2.2	26	3.1	3.4	4	4.2	4.9
PPF-PVC-00-08	90	90	90.3	1.3	1.7	21	2.6	3.1	3.7	4	4.6	5	5.7
PPF-PVC-00-09	110	110	110.4	1.6	2	2.5	3	3.7	4.3	4.9	5.6	6.1	7.1
PPF-PVC-00-10	125	125	125.4	1.8	2.2	2.9	3.4	4.3	5	5.6	64	6.9	8
PPF-PVC-00-11	140	140	140.5	2	24	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9
PPF-PVC-00-12	160	160	160.5	2.3	2.8	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2
PPF-PVC-00-13	180	180	180.6	2.6	3.1	42	4.9	6.1	7.1	8	9.2	9.9	11.4
PPF-PVC-00-14	200	200	200.6	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11	12.7
PPF-PVC-00-15	225	225	225.7	3.3	3.9	5.2	6	7.6	8.8	10	11.5	12.4	14.3
PPF-PVC-00-16	250	250	250.8	3.6	4.2	5.7	6.5	8.5	9.8	11.2	12.9	13.8	15.9
PPF-PVC-00-17	280	280	280.9	4.1	4.8	6.4	7.4	9.5	11	12.5	14.4	15.4	17.8
PPF-PVC-00-18	315	315	315	4.6	5.3	7.2	8.3	10.7	12.4	14	16.1	17.3	19.9

PVC PIPES & FITTINGS



ELBOW 90

CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-PVC-01-01	1¼"	40	30	240
PPF-PVC-01-02	1½"	50	-	150
PPF-PVC-01-03	2"	63	-	65
PPF-PVC-01-04	2½"	75	-	50
PPF-PVC-01-05	3"	90	-	25
PPF-PVC-01-06	4"	110	-	15
PPF-PVC-01-07	5"	140	-	16
PPF-PVC-01-08	6"	160	-	8
PPF-PVC-01-09	7"	180	-	4
PPF-PVC-01-10	8"	200	-	4
PPF-PVC-01-11	10"	250	-	2



ELBOW 45

PPF-PVC-02-01	1¼"	40	30	240
PPF-PVC-02-02	1½"	50	-	150
PPF-PVC-02-03	2"	63	-	65
PPF-PVC-02-04	2½"	75	-	50
PPF-PVC-02-05	3"	90	-	25
PPF-PVC-02-06	4"	110	-	15



COUPLER

PPF-PVC-03-01	1¼"	40	50	350
PPF-PVC-03-02	1½"	50		200
PPF-PVC-03-03	3"	90		90
PPF-PVC-03-04	4"	110		60
PPF-PVC-03-05	5"	140		27
PPF-PVC-03-06	6"	160		18
PPF-PVC-03-07	7"	180		12
PPF-PVC-03-08	8"	200		8
PPF-PVC-03-09	10"	250		4



TEE

PPF-PVC-04-01	1¼"	40	20	160
PPF-PVC-04-02	1½"	50		80
PPF-PVC-04-03	2"	63		40
PPF-PVC-04-04	2½"	75		30
PPF-PVC-04-05	3"	90		15
PPF-PVC-04-06	4"	110		10
PPF-PVC-04-07	5"	140		12
PPF-PVC-04-08	6"	160		8
PPF-PVC-04-09	7"	180		2
PPF-PVC-04-10	8"	200		2
PPF-PVC-04-11	10"	250		2



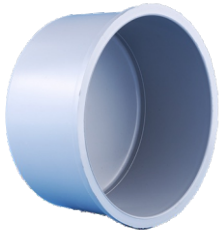
MTA

PPF-PVC-05-01	½"	20	200	2000
PPF-PVC-05-02	¾"	25	100	1200
PPF-PVC-05-03	1"	32	100	800
MTA 6 kg/cm²				
PPF-PVC-05-04	1¼"	40	50	400
PPF-PVC-05-05	1½"	50		250
PPF-PVC-05-06	2"	63		150
PPF-PVC-05-07	2 ½"	75		80
PPF-PVC-05-08	3"	90		50
PPF-PVC-05-09	4"	110		30
PPF-PVC-05-10	5"	140		21
PPF-PVC-05-11	6"	160		12
PPF-PVC-05-12	7"	180		10
PPF-PVC-05-13	8"	200		8



FTA

PPF-PVC-06-01	½"	20	200	1600
PPF-PVC-06-02	¾"	25	100	1000
PPF-PVC-06-03	1"	32	75	600
FTA 6 kg/cm²				
PPF-PVC-06-04	1¼"	40	40	320
PPF-PVC-06-05	1½"	50		200
PPF-PVC-06-06	2"	63		120
PPF-PVC-06-07	2 ½"	75		70
PPF-PVC-06-08	3"	90		40
PPF-PVC-06-09	4"	110		20
PPF-PVC-06-10	5"	140		15
PPF-PVC-06-11	6"	160		12
PPF-PVC-06-12	7"	180		8
PPF-PVC-06-13	8"	200		6



END CAP PLAIN

END CAP PLAIN 6 kg/cm²				
PPF-PVC-07-01	1¼"	40	75	600
PPF-PVC-07-02	1½"	50		300
PPF-PVC-07-03	2"	63		200
PPF-PVC-07-04	2 ½"	75		120
PPF-PVC-07-05	3"	90		70
PPF-PVC-07-06	4"	110		50
PPF-PVC-07-07	5"	140		20
PPF-PVC-07-08	6"	160		16
PPF-PVC-07-09	7"	180		10
PPF-PVC-07-10	8"	200		9
PPF-PVC-07-11	10"	250		6



END CAP THREDED

END CAP THREDED 6 kg/cm²				
PPF-PVC-08-01	1¼"	40	75	600
PPF-PVC-08-02	1½"	50		300
PPF-PVC-08-03	2"	63		200
PPF-PVC-08-04	2 ½"	75		120
PPF-PVC-08-05	3"	90		70
PPF-PVC-08-06	4"	110		50
PPF-PVC-08-07	5"	140		35
PPF-PVC-08-08	6"	160		25
PPF-PVC-08-09	8"	200		15



TAIL PIECE

TAIL PIECE 6 kg/cm²				
PPF-PVC-09-01	2"	63		150
PPF-PVC-09-02	2 ½"	75		100
PPF-PVC-09-03	3"	90		70
PPF-PVC-09-04	4"	110		35
PPF-PVC-09-05	5"	140		24
PPF-PVC-09-06	6"	160		16
PPF-PVC-09-07	8"	200		10

PVC PIPES & FITTINGS



REDUCER BUSH

CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
REDUCER BUSH 6 kg/cm²				
PPF-PVC-10-01	1¼" x 1"	40x32	100	800
PPF-PVC-10-02	1½" x 1"	50x32		400
PPF-PVC-10-03	1½" x 1¼"	50x40		400
PPF-PVC-10-04	2" x ½"	63x20		200
PPF-PVC-10-05	2" x ¾"	63x25		200
PPF-PVC-10-06	2" x 1"	63x32		200
PPF-PVC-10-07	2" x 1¼"	63x40		200
PPF-PVC-10-08	2" x 1½"	63x50		200
PPF-PVC-10-09	2½" x ½	75x20		140
PPF-PVC-10-10	2½" x ¾"	75x25		140
PPF-PVC-10-11	2½" x 1"	75x32		140
PPF-PVC-10-12	2½" x 1¼"	75x40		140
PPF-PVC-10-13	2½" x 1½"	75x50		140
PPF-PVC-10-14	2½" x 2"	75x63		140
PPF-PVC-10-15	3" x ½"	90x20		80
PPF-PVC-10-16	3" x ¾"	90x25		80
PPF-PVC-10-17	3" x 1"	90x32		80
PPF-PVC-10-18	3" x 1¼"	90x40		80
PPF-PVC-10-19	3" x 1½"	90x50		80
PPF-PVC-10-20	3" x 2"	90x63		80
PPF-PVC-10-21	3" x 2½"	90x75		80
PPF-PVC-10-22	4" x 1½"	110x50		50
PPF-PVC-10-23	4" x 2"	110x63		50
PPF-PVC-10-24	4" x 2½"	110x75		50
PPF-PVC-10-25	4" x 3"	110x90		50
PPF-PVC-10-26	5" x 2½"	140x75		24
PPF-PVC-10-27	5" x 3"	140x90		24
PPF-PVC-10-28	5" x 4"	140x110		24
PPF-PVC-10-29	6" x 2½"	160x75		21
PPF-PVC-10-30	6" x 3"	160x90		21
PPF-PVC-10-31	6" x 4"	160x110		21
PPF-PVC-10-32	6" x 5"	160x140		21



REDUCER TEE

CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
REDUCER TEE				
PPF-PVC-11-01	¾" x ½"	25x20	50	500
PPF-PVC-11-02	1" x ½"	32x20	30	300
PPF-PVC-11-03	2" x ½"	63x20		50
PPF-PVC-11-04	2" x ¾"	63x25		50
PPF-PVC-11-05	2" x 1"	63x32		50
PPF-PVC-11-06	2½" x ½"	75x20		30
PPF-PVC-11-07	2½" x ¾"	75x25		30
PPF-PVC-11-08	2½" x 1"	75x32		30
PPF-PVC-11-09	2½" x 1½"	75x50		30
PPF-PVC-11-10	2½" x 2"	75x63		30
PPF-PVC-11-11	3" x ½"	90x20		25
PPF-PVC-11-12	3" x ¾"	90x25		25
PPF-PVC-11-13	3" x 1"	90x32		25
PPF-PVC-11-14	4" x 2"	110x63		12
PPF-PVC-11-15	4" x 2½"	110x75		12
PPF-PVC-11-16	4" x 3"	110x90		12
PPF-PVC-11-17	5" x 2½	140x75		12
PPF-PVC-11-18	5" x 3"	140x90		12
PPF-PVC-11-19	5" x 4"	140x110		12
PPF-PVC-11-20	6" x 2½"	160x75		8
PPF-PVC-11-21	6" x 3"	160x90		8
PPF-PVC-11-22	6" x 4"	160x110		8
PPF-PVC-11-23	6" x 5"	160x140		8
PPF-PVC-11-24	8" x 4"	200x110		2
PPF-PVC-11-25	8" x 5"	200x140		2
PPF-PVC-11-26	8" x 6"	200x160		2
PPF-PVC-11-27	10" x 4"	250x110		2
PPF-PVC-11-28	10" x 6"	250x160		2
PPF-PVC-11-29	10" x 8"	250x200		2



BEND 45

CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
BEND 45²				
PPF-PVC-13-01	2½"	75		55
PPF-PVC-13-02	3"	90		50
PPF-PVC-13-03	4"	110		32
PPF-PVC-13-04	6"	160		10



ELBOW THREADED

CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
ELBOW THREADES 6 kg/cm²				
PPF-PVC-14-01	2	63		65
PPF-PVC-14-02	2½"	75		50
PPF-PVC-14-03	3"	90		25
PPF-PVC-14-04	4"	110		15
PPF-PVC-14-05	5"	140		6
PPF-PVC-14-06	6"	160		8

UPVC COLUMN PIPE



UPVC PIPES & FITTINGS

ELBOW



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-01-01	½"	15	70	350
PPF-UPV-01-02	¾"	20	50	200
PPF-UPV-01-03	1"	25	30	120
PPF-UPV-01-04	1¼"	32	14	70
PPF-UPV-01-05	1½"	40	15	60
PPF-UPV-01-06	2"	50	-	32

TEE



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-02-01	½"	15	50	220
PPF-UPV-02-02	¾"	20	30	120
PPF-UPV-02-03	1"	25	15	75
PPF-UPV-02-04	1¼"	32	-	50
PPF-UPV-02-05	1½"	40	-	38
PPF-UPV-02-06	2"	50	-	22

COUPLER



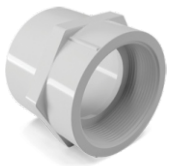
CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-03-01	½"	15	100	500
PPF-UPV-03-02	¾"	20	75	300
PPF-UPV-03-03	1"	25	45	180
PPF-UPV-03-04	1¼"	32	25	100
PPF-UPV-03-05	1½"	40	-	100
PPF-UPV-03-06	2"	50	-	56

MTA



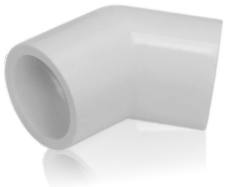
CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-04-01	½"	15	125	625
PPF-UPV-04-02	¾"	20	100	400
PPF-UPV-04-03	1"	25	40	240
PPF-UPV-04-04	1¼"	32	-	210
PPF-UPV-04-05	1½"	40	-	150
PPF-UPV-04-06	2"	50	-	96

FTA



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-05-01	½"	15	125	500
PPF-UPV-05-02	¾"	20	75	300
PPF-UPV-05-03	1"	25	50	200
PPF-UPV-05-04	1¼"	32	25	100
PPF-UPV-05-05	1½"	40	-	110
PPF-UPV-05-06	2"	50	-	64

ELBOW 45



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-06-01	½"	15	80	400
PPF-UPV-06-02	¾"	20	47	235
PPF-UPV-06-03	1"	25	20	140
PPF-UPV-06-04	1¼"	32	15	75
PPF-UPV-06-05	1½"	40	15	75
PPF-UPV-06-06	2"	50	9	36

BRASS ELBOW



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-07-01	½"	15	40	160
PPF-UPV-07-02	¾"	20	21	105
PPF-UPV-07-03	1"	25	16	48
PPF-UPV-07-04	¾" x ½"	20x15	40	120
PPF-UPV-07-05	1" x ½"	20x15	20	80

BRASS TEE



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-08-01	½"	15	30	180
PPF-UPV-08-02	1"	20	15	75
PPF-UPV-08-03	¾" x ¼"	25	25	125
PPF-UPV-08-04	1" x ½"	20x15	15	75
PPF-UPV-08-05	1" x ¾"	20x15	15	75

BRASS MTA



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-09-01	½"	15	20	240
PPF-UPV-09-02	¾"	20	15	150
PPF-UPV-09-03	1"	25	12	120
PPF-UPV-09-04	1¼"	32	-	40
PPF-UPV-09-05	1½"	40	-	32
PPF-UPV-09-06	2"	50	-	26
PPF-UPV-09-07	¾"x½"	20x15	20	200

BRASS FTA



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-10-01	½"	15	72	216
PPF-UPV-10-02	¾"	20	49	147
PPF-UPV-10-03	1"	25	10	100
PPF-UPV-10-04	1¼"	32	-	40
PPF-UPV-10-05	1½"	40	-	32
PPF-UPV-10-06	2"	50	-	24
PPF-UPV-10-07	¾"x½"	20x15	64	192
PPF-UPV-10-08	1"x½"	20x15	25	125

UPVC PIPES & FITTINGS

END CAP



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-11-01	½"	15	50	1000
PPF-UPV-11-02	¾"	20	50	650
PPF-UPV-11-03	1"	25	25	350
PPF-UPV-11-04	1¼"	32	40	200
PPF-UPV-11-05	1½"(Sch.40)	40	15	165
PPF-UPV-11-06	2"(Sch.40)	50	20	100

UNION



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-12-01	½"	15	30	180
PPF-UPV-12-02	¾"	20	30	120
PPF-UPV-12-03	1"	25	21	84

REDUCER TEE



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-13-01	¾" x ½"	20x15	30	150
PPF-UPV-13-02	1" x ½"	25x15	25	100
PPF-UPV-13-03	1" x ¾"	25x20	25	100
PPF-UPV-13-04	1¼" x ½"	32x15	15	75
PPF-UPV-13-05	1¼" x ¾"	32x20	15	75
PPF-UPV-13-06	1¼" x 1"	32x25	15	75
PPF-UPV-13-07	1½" x ½"	40x15	8	40
PPF-UPV-13-08	1½" x ¾"	40x20	8	40
PPF-UPV-13-09	1½" x 1"	40x25	8	40
PPF-UPV-13-10	1½" x 1¼"	40x32	8	40
PPF-UPV-13-11	2" x ½"	50x15	6	24
PPF-UPV-13-12	2" x ¾"	50x20	6	24
PPF-UPV-13-13	2" x 1"	50x25	6	24
PPF-UPV-13-14	2" x 1¼"	50x32	6	24
PPF-UPV-13-15	2" x 1½"	50x40	6	24

REDUCER COUPLER



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-14-01	1" x ½"	25x15	50	200
PPF-UPV-14-02	1" x ¾"	25x20	50	200
PPF-UPV-14-03	1¼" x ½"	32x15	25	150
PPF-UPV-14-04	1¼" x ¾"	32x20	25	150
PPF-UPV-14-05	1¼" x 1"	32x25	25	150
PPF-UPV-14-06	1½" x ½"	40x15	15	90
PPF-UPV-14-07	1½" x ¾"	40x20	15	90
PPF-UPV-14-08	1½" x 1"	40x25	15	90
PPF-UPV-14-09	1½" x 1¼"	40x32	15	90
PPF-UPV-14-10	2" x ½"	50x15	18	72
PPF-UPV-14-11	2" x ¾"	50x20	17	68
PPF-UPV-14-12	2" x 1"	50x25	15	60
PPF-UPV-14-13	2" x 1¼"	50x32	14	56
PPF-UPV-14-14	2" x 1½"	50x40	12	48

REDUCER BUSH



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-15-01	¾" x ½"	20x15	50	800
PPF-UPV-15-02	1" x ½"	25x15	25	450
PPF-UPV-15-03	1" x ¾"	25x20	25	450
PPF-UPV-15-04	1¼" x ½"	32x15	50	250
PPF-UPV-15-05	1¼" x ¾"	32x20	50	250
PPF-UPV-15-06	1¼" x 1"	32x25	50	250
PPF-UPV-15-07	1½" x ½"	40x15	25	150
PPF-UPV-15-08	1½" x ¾"	40x20	25	150
PPF-UPV-15-09	1½" x 1"	40x25	25	150
PPF-UPV-15-10	1½" x 1¼"	40x32	25	150
PPF-UPV-15-11	2" x ½"	50x15	25	100
PPF-UPV-15-12	2" x ¾"	50x20	25	100
PPF-UPV-15-13	2" x 1"	50x25	25	100
PPF-UPV-15-14	2" x 1¼"	50x32	25	100
PPF-UPV-15-15	2" x 1½"	50x40	25	100

THREADED ELBOW



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-16-01	½"	15	54	324
PPF-UPV-16-02	¾"x½"	20x15	30	210
PPF-UPV-16-03	1"	25	25	100
PPF-UPV-16-04	1" x ½"	25x15	25	125
PPF-UPV-16-05	1" x ¾"	25x20	25	125

THREADED TEE



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-UPV-17-01	½"	15	40	200
PPF-UPV-17-02	1"	25	20	80
PPF-UPV-17-03	1" x ½"	25x15	20	80
PPF-UPV-17-04	1" x ¾"	25x20	20	80

CPVC PIPES & FITTINGS

CPVC Fittings in SDR 11 as per ASTM D 2846 in CTS



CPVC PIPES

CODE	NOMINAL PIPE SIZE		OUTER DIAMETER IN (mm)		SDR 11				SDR 11			
					WALL THICKNESS IN (mm)		WORKING PRESSURE AT		WALL THICKNESS N (mm)		WORKING PRESSURE AT	
							23°C	82°C			23°C	82°C
	inch	mm	Average	Tolerance	Minimum	Tolerance	kg/cm^2		Minimum	Tolerance	kg/cm^2	
PPF-CPV-00-01	1/2	15	0.625 (15.90)	±0.003 (±0.08)	0.068 (1.73)	±0.020 (±0.51)	28.1	7.0	0.055 (1.40)	±0.020 (±0.51)	22.5	5.6
PPF-CPV-00-02	3/4	20	0.875 (22.20)	±0.003 (±0.08)	0.080 (2.03)	±0.020 (±0.51)	28.1	7.0	0.065 1.65	±0.020 (±0.51)	22.5	5.6
PPF-CPV-00-03	1	25	1.125 (28.60)	±0.003 (±0.08)	0.102 (2.59)	±0.020 (±0.51)	28.1	7.0	0.083 (2.12)	±0.020 (±0.51)	22.5	5.6
PPF-CPV-00-04	1$^{1/4}$	32	1.375 (34.90)	±0.003 (±0.08)	0.125 (3.18)	±0.020 (±0.51)	28.1	7.0	0.102 (2.59)	±0.020 (±0.51)	22.5	5.6
PPF-CPV-00-05	112	40	1.625 (41.30)	±0.004 (±0.010)	0.148 (3.76)	±0.020 (±0.51)	28.1	7.0	0.120 (3.06)	±0.020 (±0.51)	22.5	5.6
PPF-CPV-00-06	2	50	2.125 (54)	±0.004 (±0.010)	0.193 (4.90)	±0.023 (±0.58)	28.1	7.0	0.157 (4.00)	±0.023 (±0.58)	22.5	5.6

CODE	Size mm (Inch)	Outer Diameter in (mm)	Outer Diameter in (mm)	Outer Diameter in (mm)
PPF-CPV-00-07	65 (2.1/2")	73.0 ± 0.18 (72.82-73.18)	5.16-5.77	7.01-7.85
PPF-CPV-00-08	80 (3")	88.9 ± 0.20 (88.7-89.1)	5.49-6.15	7.62-8.53
PPF-CPV-00-09	100 (4")	114.3 ± 0.23 (114.07 - 114.53)	602-673	8.56-9.58
PPF-CPV-00-10	150 (6")	168.3 ± 0.28 (168.02-168.58)	7.11-7.97	10.97-12.29

CPVC PIPES & FITTINGS

CPVC Fittings in SDR 11 as per ASTM D 2846 in CTS

ELBOW



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-01-01	½"	15	100	1200
PPF-CPV-01-02	¾"	20	100	500
PPF-CPV-01-03	1"	25	50	250
PPF-CPV-01-04	1¼"	32	25	125
PPF-CPV-01-05	1½"	40	15	75
PPF-CPV-01-06	2"	50	8	40

COUPLER



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-02-01	½"	15	100	2000
PPF-CPV-02-02	¾"	20	100	800
PPF-CPV-02-03	1"	25	50	400
PPF-CPV-02-04	1¼"	32	50	200
PPF-CPV-02-05	1½"	40	20	120
PPF-CPV-02-06	2"	50	12	60

TEE



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-03-01	½"	15	100	800
PPF-CPV-03-02	¾"	20	50	300
PPF-CPV-03-03	1"	25	30	150
PPF-CPV-03-04	1¼"	32	15	90
PPF-CPV-03-05	1½"	40	10	60
PPF-CPV-03-06	2"	50	5	25

END CAP



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-04-01	½"	15	100	3500
PPF-CPV-04-02	¾"	20	50	1400
PPF-CPV-04-03	1"	25	50	700
PPF-CPV-04-04	1¼"	32	30	420
PPF-CPV-04-05	1½"	40	40	240
PPF-CPV-04-06	2"	50	20	100

MTA



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-05-01	½"	15	100	1500
PPF-CPV-05-02	¾"	20	100	700
PPF-CPV-05-03	1"	25	50	350
PPF-CPV-05-04	1¼"	32	30	210
PPF-CPV-05-05	1½"	40	20	120
PPF-CPV-05-06	2"	50	15	75
PPF-CPV-05-07	¾"x½"	20x15	100	700

FTA



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-06-01	½"	15	50	1000
PPF-CPV-06-02	¾"	20	100	600
PPF-CPV-06-03	1"	25	50	300
PPF-CPV-06-04	1¼"	32	25	150
PPF-CPV-06-05	1½"	40	20	120
PPF-CPV-06-06	2"	50	12	72
PPF-CPV-06-07	¾"x½"	20x15	100	600

UNION



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-07-01	½"	15	25	500
PPF-CPV-07-02	¾"	20	15	225
PPF-CPV-07-03	1"	25	10	160
PPF-CPV-07-04	1¼"	32	15	105
PPF-CPV-07-05	1½"	40	10	60
PPF-CPV-07-06	2"	50	7	35

ELBOW 45



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-08-01	½"	15	100	1500
PPF-CPV-08-02	¾"	20	40	600
PPF-CPV-08-03	1"	25	50	300
PPF-CPV-08-04	1¼"	32	25	150
PPF-CPV-08-05	1½"	40	15	105
PPF-CPV-08-06	2"	50	8	48

BALL VALVE



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-09-01	½"	15	15	255
PPF-CPV-09-02	¾"	20	6	120
PPF-CPV-09-03	1"	25	4	60
PPF-CPV-09-04	1¼"	32	3	45
PPF-CPV-09-05	1½"	40	2	32
PPF-CPV-09-06	2"	50	1	18

TANK CONNECTOR

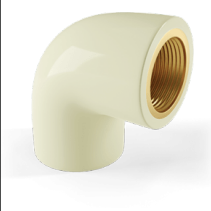


CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-10-01	½"	15	20	300
PPF-CPV-10-02	¾"	20	15	210
PPF-CPV-10-03	1"	25	10	120
PPF-CPV-10-04	1¼"	32	10	70
PPF-CPV-10-05	1½"	40	5	60
PPF-CPV-10-06	2"	50	5	45

CPVC PIPES & FITTINGS

CPVC Fittings in SDR 11 as per ASTM D 2846 in CTS

BRASS ELBOW



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-11-01	½"	15	25	255
PPF-CPV-11-02	¾"	20	20	160
PPF-CPV-11-03	1"	25	10	80
PPF-CPV-11-04	¾"x½"	20x15	20	200
PPF-CPV-11-05	1"x½"	25x15	15	150
PPF-CPV-11-06	1"x¾"	25x20	15	120

BRASS TEE



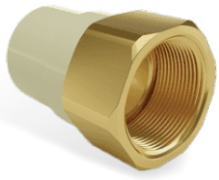
CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-12-01	½"	15	25	200
PPF-CPV-12-02	¾"	20	15	120
PPF-CPV-12-03	1"	25	10	70
PPF-CPV-12-04	¾"x½"	20x15	20	160
PPF-CPV-12-05	1"x½"	25x15	10	80
PPF-CPV-12-06	1"x¾"	25x20	10	80

BRASS M.T.



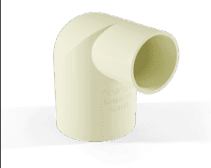
CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-13-01	½"	15	30	300
PPF-CPV-13-02	¾"	20	20	200
PPF-CPV-13-03	1"	25	10	120
PPF-CPV-13-04	1¼"	32	8	56
PPF-CPV-13-05	1½"	40	6	48
PPF-CPV-13-06	2"	50	4	24
PPF-CPV-13-07	¾"x½"	20x15	25	250
PPF-CPV-13-08	1"x½"	25x15	20	220
PPF-CPV-13-09	1"x¾"	25x20	20	220

BRASS F.T.A



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-14-01	½"	15	30	360
PPF-CPV-14-02	¾"	20	25	250
PPF-CPV-14-03	1"	25	10	120
PPF-CPV-14-04	1¼"	32	8	64
PPF-CPV-14-05	1½"	40	6	48
PPF-CPV-14-06	2"	50	4	32
PPF-CPV-14-07	¾"x½"	20x15	25	250
PPF-CPV-14-08	1"x½"	25x15	20	200
PPF-CPV-14-09	1"x¾"	25x20	20	200

REDUCER ELBOW



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-16-01	¾" x ½"	20x15	100	500
PPF-CPV-16-02	1" x ½"	25x15	50	250
PPF-CPV-16-03	1" x ¾"	25x20	50	250

REDUCER TEE



CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-15-01	¾" x ½"	20x15	50	300
PPF-CPV-15-02	1" x ½"	25x15	30	150
PPF-CPV-15-03	1" x ¾"	25x20	30	150
PPF-CPV-15-04	1¼" x ½"	32x15	15	90
PPF-CPV-15-05	1¼" x ¾"	32x20	15	90
PPF-CPV-15-06	1¼" x 1"	32x25	15	90
PPF-CPV-15-07	1½" x ½"	40x15	10	60
PPF-CPV-15-08	1½" x ¾"	40x20	10	60
PPF-CPV-15-09	1½" x 1"	40x25	10	60
PPF-CPV-15-10	1½" x 1¼"	40x32	10	60
PPF-CPV-15-11	2" x ½"	50x15	5	25
PPF-CPV-15-12	2" x ¾"	50x20	5	25
PPF-CPV-15-13	2" x 1"	50x25	5	25
PPF-CPV-15-14	2" x 1¼"	50x32	5	25
PPF-CPV-15-15	2" x 1½"	50x40	5	25

CPVC PIPES & FITTINGS

CPVC Fittings in SDR 11 as per ASTM D 2846 in CTS





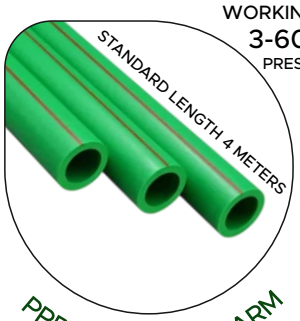
REDUCER BUSH

CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-17-01	¾" x ½"	20x15	100	2000
PPF-CPV-17-02	1" x ½"	25x15	100	1000
PPF-CPV-17-03	1" x ¾"	25x20	100	1000
PPF-CPV-17-04	1¼" x ½"	32x15	100	500
PPF-CPV-17-05	1¼" x ¾"	32x20	100	500
PPF-CPV-17-06	1¼" x 1"	32x25	100	500
PPF-CPV-17-07	1½" x ½"	40x15	50	300
PPF-CPV-17-08	1½" x ¾"	40x20	50	300
PPF-CPV-17-09	1½" x 1"	40x25	50	300
PPF-CPV-17-10	1½" x 1¼"	40x32	50	300
PPF-CPV-17-11	2" x ½"	50x15	20	140
PPF-CPV-17-12	2" x ¾"	50x20	20	140
PPF-CPV-17-13	2" x 1"	50x25	20	140
PPF-CPV-17-14	2" x 1¼"	50x32	20	140
PPF-CPV-17-15	2" x 1½"	50x40	20	140

REDUCER COUPLER

CODE	SIZE INCH	SIZE (mm)	BAG Qty	BOX Qty
PPF-CPV-18-01	¾" x ½"	20x15	100	1200
PPF-CPV-18-02	1" x ½"	25x15	100	600
PPF-CPV-18-03	1" x ¾"	25x20	100	500
PPF-CPV-18-04	1¼" x ½"	32x15	40	280
PPF-CPV-18-05	1¼" x ¾"	32x20	40	280
PPF-CPV-18-06	1¼" x 1"	32x25	40	280
PPF-CPV-18-07	1½" x ½"	40x15	30	180
PPF-CPV-18-08	1½" x ¾"	40x20	30	210
PPF-CPV-18-09	1½" x 1"	40x25	30	180
PPF-CPV-18-10	1½" x 1¼"	40x32	25	150
PPF-CPV-18-11	2" x ½"	50x15	15	90
PPF-CPV-18-12	2" x ¾"	50x20	15	90
PPF-CPV-18-13	2" x 1"	50x25	15	90
PPF-CPV-18-14	2" x 1¼"	50x32	15	90
PPF-CPV-18-15	2" x 1½"	50x40	15	90

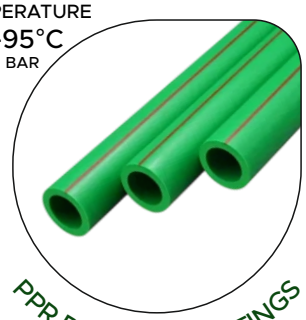
PPR PIPES & FITTINGS



WORKING TEMPERATURE
3-60°C
PRESSURE RATING: 10 BAR

PPR PIPES FOR WARM WARM WATER (PN10)

WORKING TEMPERATURE
3-95°C
PRESSURE RATING: 20 BAR



PPR PIPES AND FITTINGS HOT WATER (PN20)

PPR PIPES AND FITTINGS

CODE	OUTSIDE DIAMETER		SDR	PN	THICKNESS (mm)	WEIGHT (kg/m)
	mm	inch				
PPF-PPR-00-01	20	1/2"	11	10	1.90	0.12
PPF-PPR-00-02	25	3/4"	11	10	2.30	0.18
PPF-PPR-00-03	32	1"	11	10	2.90	0.27
PPF-PPR-00-04	40	1 1/4"	11	10	3.70	0.43
PPF-PPR-00-05	50	1 1/2"	11	10	4.60	0.63
PPF-PPR-00-06	63	2"	11	10	5.80	1.03
PPF-PPR-00-07	75	2 1/2"	11	10	6.80	1.30
PPF-PPR-00-08	90	3"	11	10	8.20	2.00
PPF-PPR-00-09	110	4"	11	10	10.00	3.04

PPR PIPES AND FITTINGS

CODE	OUTSIDE DIAMETER (OD)		SDR	PN	THICKNESS (mm)	WEIGHT (kg/m)
	mm	inch				
PPF-PPR-01-01	20	1/2"	6	20	3.4	0.18
PPF-PPR-01-02	25	3/4"	6	20	4.2	0.24
PPF-PPR-01-03	32	1"	6	20	5.4	0.45
PPF-PPR-01-04	40	1 1/4"	6	20	6.7	0.70
PPF-PPR-01-05	50	1 1/2"	6	20	8.3	1.05
PPF-PPR-01-06	63	2"	6	20	10.5	10.5

PPR FITTINGS

PPF-PPR-02-01



PPR COUPLER

PPF-PPR-02-02



PPR 90° ELBOW

PPF-PPR-02-03



PPR REDUCING TEE

PPF-PPR-02-04



90° FEMALE THREADED ELBOW

PPF-PPR-02-05



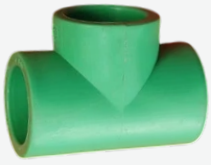
90 ELBOW WITH MALE THREA

PPF-PPR-02-06



PPR 45° ELBOW

PPF-PPR-02-07



PPR TEE

PPF-PPR-02-08



PPR END CAP

PPF-PPR-02-09



PPR REDUCING COUPLER

PPF-PPR-02-10



PPR UNION

PPF-PPR-02-11



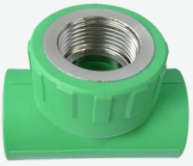
PPR FEMALE THREADED ADAPTOR

PPF-PPR-02-12



PPR MALE THREADED COUPLING

PPF-PPR-02-13



PPR TEE WITH FEMALE THREAD

HDPE SPRINKLER PIPE



HDPE SPRINKLER PIPE

CODE	NOMINAL DIAMETER (mm)	OUTSIDE DIAMETER (mm)	NOMINAL TOLERANCE OF OUTSIDE DIAMETER (MM)	OVALITY	WALL THICKNESS (mm)					
					CLASS - 1		CLASS - 2		CLASS - 3	
					2.5 kg/cm^2		3.2kg/cm^2		4 kg/cm^2	
					Min	Max	Min	Max	Min	Max
PPF-HSP-00-01	63	63	0.60	1.50	-	-	2.00	2.40	2.50	2.90
PPF-HSP-00-02	75	75	0.70	1.60	2.00	2.40	2.50	2.90	3.00	3.40
PPF-HSP-00-03	90	90	0.80	1.80	2.20	2.60	2.90	3.40	3.50	4.10
PPF-HSP-00-04	110	110	1.00	2.20	3.20	3.20	3.40	3.90	4.20	4.80



HDPE COIL & PE PIPE

WALL THICKNESS & UNIT WEIGHT OF PIPES AS PER IS: 4984-2016/ALL DIMENSIONS ARE IN (mm)

CODE	SDR	SDR 41		SDR33		SDR26		SDR21		SDR17		SDR13.6		SDR11		SDR11	
		NOMINAL PRESSURE, PN IN BAR (kg/cm2)															
	PE63	Pn2		PN 2.5		PN3.2		PN4		PN5		PN6		Pn8		-	
	PE80	PN2.5		PN3.2		Pn4		Pn5		PN6		PN8		PN10		PN12.5	
	PE100	PN3		PN4		PN5		PN6		PN8		PN10		PN12.5		PN16	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
PPF-HSP-01-01	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	2.1
PPF-HSP-01-02	20	-	-	-	-	-	-	-	-	-	-	-	-	1.9	2.2	2.3	2.6
PPF-HSP-01-03	25	-	-	-	-	-	-	-	-	-	-	1.9	2.2	23	2.6	2.8	3.2
PPF-HSP-01-04	30	-	-	-	-	-	-	-	-	1.9	22	2.4	27	2.9	3.3	3.6	4.1
PPF-HSP-01-05	40	-	-	-	-	-	-	1.9	2.2	24	2.7	3	3.4	3.7	4.2	4.5	5.1
PPF-HSP-01-06	50	-	-	-	-	2	2.3	24	2.7	3	3.4	3.7	4.2	4.6	5.2	5.6	6.3
PPF-HSP-01-07	63	-	-	-	-	2.5	2.9	3	3.4	3.7	4.2	4.7	5.3	5.8	6.5	7	7.8
PPF-HSP-01-08	75	1.9	2.2	2.3	2.6	2.9	3.3	3.6	4.1	4.5	5.1	5.6	6.3	6.9	7.7	8.4	93
PPF-HSP-01-09	90	2.2	2.5	2.8	3.2	3.5	4	4.3	4.8	5.3	5.9	6.7	7.5	8.2	9.1	10	11.1
PPF-HSP-01-10	110	2.7	3.1	3.4	3.8	4.3	4.8	5.9	6.6	6.5	7.3	8.1	9	10	11.1	12.3	13.6
PPF-HSP-01-11	125	3.1	3.5	3.8	4.3	4.8	5.4	6	6.7	74	8.2	9.2	10.2	11.4	12.7	13.9	15.4
PPF-HSP-01-12	140	3.5	4	4.3	4.8	5.4	6	6.7	7.5	8.3	9.2	10.3	11.4	12.8	14.2	15.6	17.3
PPF-HSP-01-13	160	3.9	4.4	4.9	5.5	6.2	6.9	7.7	8.6	9.5	10.6	11.8	13.1	14.6	16.2	17.8	19.7
PPF-HSP-01-14	180	4.4	4.9	5.5	6.2	7	7.8	8.6	9.6	10.6	11.8	13.3	14.7	16.4	18.1	20	22.1

HDPE FITTINGS & ACCESSORIES



HDPE BEND

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
PPF-HSP-02-01	63	—	30	30
PPF-HSP-02-02	75	—	20	20
PPF-HSP-02-03	90	—	15	15
PPF-HSP-02-04	110	—	10	10



HDPE TEE

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
PPF-HSP-03-01	63	—	20	11
PPF-HSP-03-02	75	—	15	12.1
PPF-HSP-03-03	90	—	10	10
PPF-HSP-03-04	110	—	6	8.8



FOOT BOTTOM

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
PPF-HSP-04-01	63	—	20	10
PPF-HSP-04-02	75	—	18	11.7
PPF-HSP-04-03	90	—	12	10
PPF-HSP-04-04	110	—	8	9.5



FEMALE PCN CONNECTOR

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
PPF-HSP-05-01	63	—	20	9.8
PPF-HSP-05-02	75	—	18	11.6
PPF-HSP-05-03	90	—	12	10.2
PPF-HSP-05-04	110	—	8	9.3



END CAP

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
PPF-HSP-06-01	63	—	80	10.2
PPF-HSP-06-02	75	—	70	10
PPF-HSP-06-03	90	—	50	10.4
PPF-HSP-06-04	110	—	35	9.8



FLANGE PCN CONNECTOR

CODE	SIZE (mm)	BAG (NOS)	BOX (NOS)	BOX (Kg.)
PPF-HSP-07-01	63	—	18	10
PPF-HSP-07-02	75	—	15	11.5
PPF-HSP-07-03	90	—	10	10.3
PPF-HSP-07-04	110	—	6	9.5

HDPE PIPES FITTINGS

HDPE PIPES FITTINGS

PPF-HSP-08-01



ELECTROFUSION ELBOW 45

PPF-HSP-08-02



ELECTROFUSION REDUCER

PPF-HSP-08-03



ELECTROFUSION-90 ELBOW-KIT

PPF-HSP-08-04



ELECTROFUSION COUPLER

PPF-HSP-08-05



ELECTROFUSION ENDCAP

PPF-HSP-08-06



ELECTROFUSION-TEE KIT

PPF-HSP-09-01



HDPE FABRICATED FITTINGS

PPF-HSP-10-01



SPIGOT ELBOW 45

PPF-HSP-10-02



SPIGOT REDUCER

PPF-HSP-10-03



SPIGOT-90 ELBOW-KIT

PPF-HSP-10-04



SPIGOT ELBOW 45

PPF-HSP-10-05



SPIGOT REDUCER

PPF-HSP-10-06



SPIGOT-90 ELBOW-KIT

GARDEN HOSE PIPE



Colour Virgin



Petrol Commercial



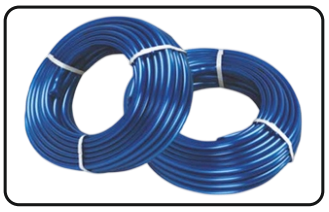
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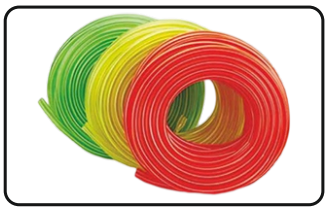
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Milky White



Metallic



Zebra Garden Pipe

GARDEN HOSE PIPE

CODE	SIZE IN INCH	SIZE IN MM	APROX WEIGHT IN Kg.	WALL THICKNESS
PPF-GHP-00-01	0.50	12	4.000 to 4.200	1.75mm
PPF-GHP-00-02	0.75	19	5.000 to 5.200	2.00mm
PPF-GHP-00-03	1.00	25	7.500 to 7.700	2.75mm
PPF-GHP-00-04	1.25	32	11.000 to 11.300	3.15mm

FEATURES
1. A Flexible Pipe Reinforced With A Braided Layer
(nylon, Steel Wire, Or Polyester Thread) That Gives Extra Strength And Durability.
2. Unlike A Normal Garden Hose, It Resists Kinking, Bursting, And Twisting.
3. Commonly Used For High-pressure Water Flow (sprinklers, Car Wash, Irrigation, Garden Watering).
4. Available In Sizes Like 1/2 Inch, 3/4 Inch, 1 Inch Depending On Water Pressure And Fittings.
5. Can Come With Brass, Plastic, Or Quick-connect Fittings For Taps And Spray Guns.

APPLICATION
Garden Pipes Are Made Form Soft Pvc Plastic Material With Blend Of
Liquid Chemicals Which Makes Garden Pipe Soft And Smooth.
As A Result Of These Materials, Garden Hoses Are Flexible And Their Smooth
Exterior Facilitates Pulling Them Past Trees, Posts And Other Obstacles.

LAY FLAT HOSE PIPE



PVC LAY FLAT HOSE PIPE

CODE	NOMINAL SIZE (mm)	INSIDE DIA. (mm)	WALL THICKNESS (mm)	WORKING PRESSURE kg/cm^2	BURSTING PRESSURE kg/cm^2	STANDARD LENGTHS (mtrs.)
PPF-LFP-00-01	25	26±1	1.0 ± 0.1	4	11 to 12	50/60/100
PPF-LFP-00-02	40	41 ±1	1.0 ± 0.1	4	11 to 12	50/60/100
PPF-LFP-00-03	50	53±1	1.1 ± 0.1	3	8 to 9	50/60/100
PPF-LFP-00-04	65	66±1	1.2 ± 0.1	3	6 to 7	50/60/100
PPF-LFP-00-05	75	82±1	1.2 ± 0.1	3	6 to 7	50/60/100
PPF-LFP-00-06	100	104 ± 2	1.2 ± 0.1	3	6 to 7	50/60/100
PPF-LFP-00-07	150	154 ±3	1.8 ± 0.1	3	5 to 6	50/60/100
PPF-LFP-00-08	200	204 ±3	2.3 ± 0.2	2	3 to 4	50/60/100
PPF-LFP-00-09	250	257 ±3	2.5 ± 0.2	2	2.5 to 3	50/60/100
PPF-LFP-00-10	300	310 ±3	2.7 ± 0.3	2	2.5 to 3	50/100

FEATURES
Corrosion Free
Requires Minimum Storage Space
Tough And Puncture Proof
Remains Soft And Pliable Even Under Subzero Temperatures

APPLICATION
As Delivery/discharge Hose, In Agriculture, At Construction Sites,
Mines And Quarries, Marine Use In Ships, Transferring Corrosive Chemicals And Liquids Etc.

LAY FLAT HOSE PIPE



LD LAY FLAT HOSE PIPE

CODE	SIZE IN INCH	LD BLACK PIPE	LD COLOUR VIRGIN PIPE	LD WHITE SUPER VIRGIN PIPE	LENGTH PER KG	PACKING DETAILS
PPF-LFP-01-01	2.5	8	8	8	22 Ft/Kg	6 Rolls
PPF-LFP-01-02	3"	10 & 20	10 & 20	10 & 20	19 Ft/Kg	5 Rolls & 1 Roll
PPF-LFP-01-03	4"	15 & 25	15 & 25	15 & 25	13 Ft/Kg	4 Rolls & 1 Roll
PPF-LFP-01-04	5"	28	28	28	12 Ft/Kg	1 Roll
PPF-LFP-01-05	6"	30	30	30	09 Ft/Kg	1 Roll
PPF-LFP-01-06	7"	32 & 35	32 & 35	32 & 35	07 Ft/Kg	1 Roll

FEATURES
Easy To Use And Carry
Operationally Most Economical
Easily Storagable
Confident Driving In All Weather Conditions
Best-in-class All-around Performance
Available In Various Dimensions, Thickness & Other Specifications Features.

PU DUCK HOSE PIPE



0.4 MM WALL THICKNESS

CODE	SIZE (Inch)	ID (mm)	OD (mm)	WALL THICKNESS (mm)	PRESSURE (Bar)	VACUUM (Bar)	BENDING RADIUS (mm)	LENGTH (Mtrs)
PPF-DHP-00-01	2	51	59	0.4	0.70	0.240	59	15
PPF-DHP-00-02	$2^{1/4}$	60	68	0.4	0.56	0.210	68	15
PPF-DHP-00-03	$2^{1/2}$	63	71	0.4	0.56	0.180	71	15
PPF-DHP-00-04	3	76	84	0.4	0.47	0.130	84	15
PPF-DHP-00-05	$3^{1/4}$	80	88	0.4	0.43	0.120	88	15
PPF-DHP-00-06	4	102	110	0.4	0.35	0.080	110	15
PPF-DHP-00-07	5	127	135	0.4	0.28	0.060	135	15
PPF-DHP-00-08	$5^{1/2}$	140	148	0.4	0.25	0.050	148	15
PPF-DHP-00-09	6	152	160	0.4	0.17	0.050	160	15
PPF-DHP-00-10	8	203	211	0.4	0.13	0.030	211	15
PPF-DHP-00-11	10	254	262	0.4	0.10	0.015	262	10
PPF-DHP-00-12	12	305	313	0.4	0.09	0.010	313	10

0.6 MM WALL THICKNESS

CODE	SIZE (Inch)	ID (mm)	OD (mm)	WALL THICKNESS (mm)	PRESSURE (Bar)	VACUUM (Bar)	BENDING RADIUS (mm)	LENGTH (Mtrs)
PPF-DHP-01-01	1	25	32	0.6	1.600	0.360	32	15
PPF-DHP-01-02	$1^{1/2}$	40	48	0.6	1.020	0.335	48	15
PPF-DHP-01-03	2	51	59	0.6	0.910	0.312	59	15
PPF-DHP-01-04	3	76	84	0.6	0.611	0.169	84	15
PPF-DHP-01-05	4	102	110	0.6	0.455	0.104	110	15
PPF-DHP-01-06	10	254	262	0.6	0.130	0.020	262	10
PPF-DHP-01-07	12	305	313	0.6	0.117	0.013	313	10

0.9 MM WALL THICKNESS

CODE	SIZE (Inch)	ID (mm)	OD (mm)	WALL THICKNESS (mm)	PRESSURE (Bar)	VACUUM (Bar)	BENDING RADIUS (mm)	LENGTH (Mtrs)
PPF-DHP-02-01	2	21	59	0.9	1.370	0.365	90	15
PPF-DHP-02-02	$2^{1/4}$	63	70	0.9	1.050	0.205	113	15
PPF-DHP-02-03	3	76	84	0.9	0.920	0.195	155	15
PPF-DHP-02-04	4	102	110	0.9	0.685	0.115	204	15

1.5 MM WALL THICKNESS

CODE	SIZE (Inch)	ID (mm)	OD (mm)	WALL THICKNESS (mm)	PRESSURE (Bar)	VACUUM (Bar)	BENDING RADIUS (mm)	LENGTH (Mtrs)
PPF-DHP-03-01	2	51	59	1.5	2.330	0.835	96	15
PPF-DHP-03-02	4	102	110	1.5	1.190	0.355	183	15

WIRELESS AUTOMATION SOLUTION



AGRICULTURE FILMS & OTHER ACCESSORIES





AGRICULTURE FILMS & OTHER ACCESSORIES





MULCHING

MICRON	WIDTH (Ft.)	LENGTH (Mtr)
Economy (Regular)	2.5, 3, 3.25, 4	400, 600, 800
Economy (Regular)	2.5, 3, 3.25, 4	400, 600, 800
24	2.5, 3, 3.25, 4	400, 600, 800
25	2.5, 3, 3.25, 4	400, 600, 800
30	2.5, 3, 3.25, 4	400, 600, 800
50	2.5, 3, 3.25, 4	400, 600, 800

FEATURES
1. Weed Control.
2. Soil Compaction Prevention.
3. Providing An Excellent Environment For Root Development (darkness Oxygen) In The Upper Surface.
4. Salinity Reduction.
5. Changing The Micro-climate Around The Plant.
6. Attract And Reject Insects.
7. Prevent Fertilizer Leaching.
8.Soil Erosion Control.

APPLICATIONS
1. Ideal Application With A Drip Irrigation System.
2. It Will Help For Better Root Development, Helping In Better Nutrition
Uptake For Short-duration Crops Like Vegetables And
3.Long-duration Crops Like Papaya, Rose And Orchid Crops.
4. Available In Black & Silver, Black & White, Red & Yellow.

AGRICULTURE FILMS & OTHER ACCESSORIES





AGRO SHADE NET	
Material	HDPE Monofilament
Type	Mono X Mono
Shade Factor	35% to 75%
GSM	90 to 300 GSM
Length	As per Customer Requirement
Width	Without Joint upto 6.2 Mtrs, With Joint- Any width
Colour	White, Black, Green
UV Stabilized	Yes
Customization	Available on demand

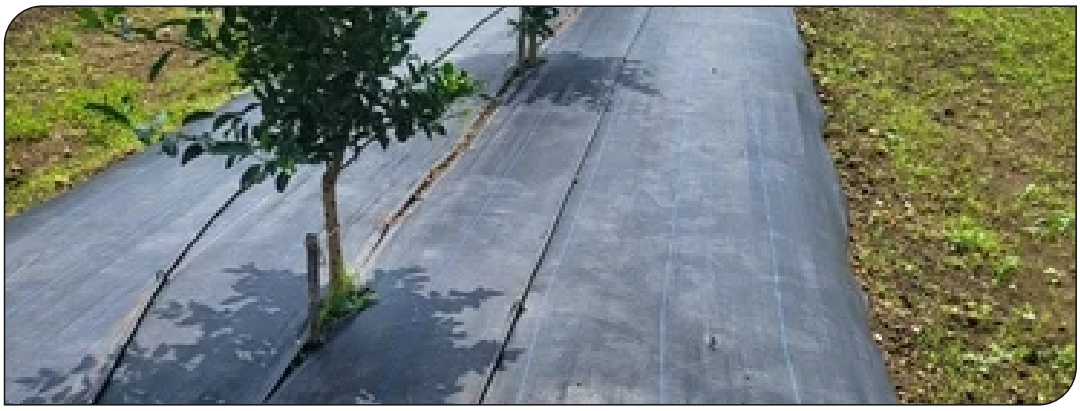




ANTI INSECT NET	
Material	HDPE (high-density polyethylene) with UV stabilizer
Weight	20grams~300grams
Width	0.5-50m
Length	10m, 20m, 30m, 50m, 100m, 200m or as your request
Color	white, green, blue, black, yellow, etc.
Mesh size	25*25, 30*25, 40*25, 50*25
Packing	Plastic bag or Carton

AGRICULTURE FILMS & OTHER ACCESSORIES





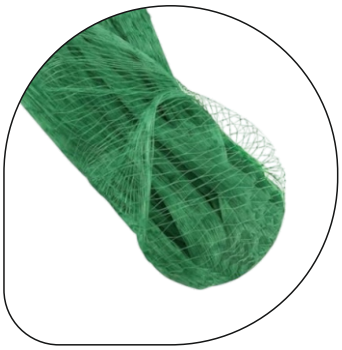
WEED MAT	
Material	100% PP with UV stabilizer
Weight	60grams~180grams
Width	0.5-5m
Length	10m, 20m, 30m, 50m, 100m, 200m or as your request
Color	Black, Green, Brown.
Packing	1 roll per plastic bag with color label as required;
Quality	1x20ft container can load about 11 tons





GREEN HOUSE PLASTIC FILM	
Material	PE/LDPE/LLDPE/EVA
Production Process	Blow molding plastic film
Thickness	15micron-350micron
Light Transmittance	More than 90% plastic sheeting film
Width	1-18m or as your request
Length	50m, 100m, 200m or as your request
Color	Transparent/White/Customized

AGRICULTURE FILMS & OTHER ACCESSORIES





PLANT SUPPORT NET	
Material	PE or PP with UV stabilized
Mesh Size	50 x 170mm, 100 x 100mm, 150 x 150mm, 130 × 130mm, 200 x 200mm.
Weight	7~15g/sqm.
Width	0.5m, 1m, 1,5m,1.7m,2m
Length	10m, 30m, 50m, 100m, 500m, 1000m.
Color	White, green, black or any other colour





ANTI BIRD NET	
Material	HDPE(high-density)
Mesh Size	20mm*20mm,25mm*25mm,15 mm*15m
Weight	7grams~40grams
Width	1m, 2m, 4m or by
Length	10m,20m 30m,50m, 100m, 200m or as your request
Color	white, green, sand, black, etc.
Packing	For Small piece, like 4m*6m, make into plastic mesh bag with label;
	For bigger piece, like 2m*200m, make it rolls with PP bag For the
	large size, like 15m*300m for a whole piece, make it into bale

AGRICULTURE FILMS & OTHER ACCESSORIES



ANTI-HAIL NET

Anti Hail Net(hail Protection Net, Hail Net) Is A Special Knitted Net Guarantees That The Fabric Will Not Run Even After Violent Hailstorms. The Protection Offered By Anti-hail Nets Means Safe Guarding Both The Current Year's Harvest And Protected Fruit, Crops From Damage.

Anti Hail Net Also Offers Protection Against Frost, Which Crystallizes On The Netting Instead Of On The Plants.

SPECIFICATION

Net weight	50g/m2--200g/m2
Net width	1m, 2m, 4m or by requirements.
Rolls Length	10m, 50m, 100m or by requirements.
Colours	green, black, dark green, yellow,gray,blue a nd white or by requirements.
Material	100% new material (HDPE)
Using life	Minimum life length: 2-3years, under nor mal weather conditions and use.
Packing	Rolls on cardboard tubes & wrapped in pla stic with color label (or any customized)



ANTI WIND NET

Anti Wind Net Is Made Of Polyethylene (hdpe) Material By Adding Uv Stabilizers And Anti-oxidants. Anti Wind Net Has The Characteristics Of Lightweight, High-strength, Anti-aging, Large-area Coverage And It Has The Ability To Adjust Control Environment, Optimizing Climate And Improve Plants In The Growth Of Adverse Climate Conditions. It Is Mostly Used In Agriculture As Ventilate Shade Net For Greenhouse, Offering The Features Of Light Reflection And Transmission, Breath Freely, Long Usage Life And Stable Performance.it Also Can Be Used As Bird Net,hail Net To Protect The Crops Against The Bird And Hail Attacking.

AGRICULTURE FILMS & OTHER ACCESSORIES

OUR PRODUCTS



VEGETABLE CROP COVER

17/23 GSM, White Colour, UV 3%
Size: 5.25, 8, 10.50 Feet
400, 625, 1000 Meter



POMEGRANATE CROP COVER

17/23 GSM, White Colour, UV 3%
Size: 10.50 Feet
625, 1000 Meter



POMEGRANATE FRUIT COVER

17 GSM, White Colour, UV 3%
Size: 6.5, 7 Inch
Packing: 1000 Pieces



POMEGRANATE SINGLE TREE COVER

17 GSM, White Colour, UV 3%
Size: Customize



GUAVA/MANGO FRUIT COVER

17 GSM, White Colour, UV 3%
Size: 8.5 x 8, 8 x 10 Inch
Packing: 1000 Pieces



CUSTARD APPLE/DRAGON FRUIT COVER

17 GSM, White Colour, UV 3%
Size: 6.5x8/8x10 Inch Packing: 1000 Pieces



BANANA BUNCH COVER

17 GSM, White Colour, UV 3%
Size: 200 Mt. Tube Roll



PAPAYA BUNCH COVER

17/23 GSM, White Colour, UV 3%
Size: 36 x 48, 48x48 Inch
Packing: 100 Pieces



PAPAYA & BANANA PLANT PROTECTION COVER

17 GSM, White Colour, UV 3%
Size: 10 x 10, 1512 Inch
Packing: 1000 Pieces









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IRRIGATION SYSTEMS

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