



PRICE-LIST

w.e.f. 1st March 2023

Always Ahead In Quality

Waterflo®[®]

PIPES & FITTINGS



AN ISO 9001:2015 COMPANIES



Quality Policy

“We are committed to supply quality products meeting or exceeding our customers' expectations and achieving our objectives of being a preferred supplier.

We believe quality consists of products provided on time and in conformance with customer requirements. We believe in effective product definition with our customers, “Doing it right the first time” during product realization and continuous improvements in products, processes and systems.”

GODAVARI GROUP HAS ACHIEVED FOLLOWING PRESTIGIOUS AWARDS



Rashtriya Ratan Award



International Gold Star Millennium Award



Bharatiya Udyog Ratan Award



Rashtriya Ekta Award



Indian Hall of Fame Award



National Achievement Award for Quality Excellence



Rajiv Gandhi Shiromani Award



Udyog Bharti Award



Man of the year Award



Business Gaurav SME Awards 2011

Product	Size		Length (mtr.)	Class / Type	Standard
	(inch)	(mm)			
CPVC Pipes	½", ¾", 1", 1¼", 1½", 2"	15, 20, 25, 32, 40, 50	3mtr. 5mtr.	SDR 11 SDR 13.5	IS : 15778
CPVC Pipes	2½", 3", 4"	65, 80, 100	3mtr.	SCH 40 SCH 80	ASTM F 441
CPVC Fittings	½", ¾", 1", 1¼", 1½", 2"	15, 20, 25, 32, 40, 50	—	SDR 11	IS : 17546 ASTM D 2846
CPVC Fittings	2½", 3", 4"	65, 80, 100	—	SCH 80	ASTM F 439
uPVC Pipes	½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4", 6"	15, 20, 25, 32, 40, 50, 65, 80, 100, 150	3mtr. 6mtr.	SCH 40 SCH 80	ASTM D 1785
uPVC Fittings	½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4"	15, 20, 25, 32, 40, 50, 65, 80, 100	—	SCH 80	ASTM D 2467
uPVC Fittings	½", ¾", 1", 1¼", 1½", 2"	15, 20, 25, 32, 40, 50	—	SCH 40	ASTM D 2466
SWR Pipes ClickFit	2½", 3", 4", 6"	75, 90, 110, 160	3mtr., 6mtr. 2ft., 3ft., 4ft. 6ft. in single & double Socket	Type A Type B	IS : 13592
SWR Fittings ClickFit	2½", 3", 4", 6"	75, 90, 110 160	—	—	IS : 14735
SWR Pipes SelfFit	1¼", 1½", 2", 2½", 3", 4", 5", 6", 8"	40, 50, 63, 75, 90, 110, 140, 160, 200	3mtr. 6mtr.	Type A Type B	IS : 13592
SWR Fittings SelfFit	2½", 3", 4", 6"	75, 90, 110, 160	—	—	IS : 14735
UGD Pipes	2", 2½", 3", 4", 4½", 6", 8", 10", 12"	63, 75, 90, 110, 125, 160, 200, 250, 315	3mtr. 6mtr.	SN 2, SN 4, SN 8	IS : 15328
uPVC Agriculture Pipes	½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4", 4½", 5", 6", 7", 8", 9", 10", 11", 12"	20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315	6mtr.	2.5, 4, 6, 8, 10, 16 (kg/cm ²)	IS : 4985
uPVC Agriculture Fittings	½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4", 5", 6", 7", 8", 10"	20, 25, 32, 40, 50, 63, 75, 90, 110, 140, 160, 180, 200, 250	—	4, 6, 10 (kg/cm ²) Equal, LW, Bliss	IS : 7834
Column Pipes	1", 1¼", 1½", 2", 2¼", 2½", 3", 4", 5", 6"	25, 32, 40, 50, 60, 65, 80, 100, 125, 150	3mtr.	Eco, Easy, Medium, Ultra, Standard, Heavy, Heavy Plus, Super Heavy	—
HDPE Pipes	½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4"	20, 25, 32, 40, 50, 63, 75, 90, 110	Coil	PN-4, PN-5, PN-6 PN-8, PN-10 PN-12.5, PN-16 PN-20	IS : 4984

Always Ahead In Quality



StrongFit

CPVC PIPES & FITTINGS
FOR **HOT** & **COLD** WATER

IS:15778



Pipes

IS:17546



Fittings



PRODUCT DETAILS

WATERFLO Strongfit CPVC Pipes & Fittings, manufactured by Waterflo Piping System (a unit of Godavari Group of Companies), are made from speciality plastic, chemically known as Chlorinated Poly Vinyl Chloride (CPVC). The CPVC Compound used for the manufacture shall have performance designation of D.P.110-2-3-2 for pipes & G.I.103-2-3-2 for fittings of IS:15225 and a maximum service temperature upto 93°C.

WATERFLO CPVC Pipes & Fittings are manufactured from the identical CPVC Compound having the same physical properties.

PRODUCT RANGE

- PIPES** : Class 1 (SDR 11) & Class 2 (SDR 13.5) from 15 mm (½") to 50 mm (2") CTS as per IS 15778
SCH 40 & SCH 80 from 65 mm (2½") to 100 mm (4") as per ASTM F 441
- FITTINGS** : SDR 11 from 15 mm (½") to 50 mm (2") CTS as per ASTM D 2846
SCH 80 from 65 mm (2½") to 100 mm (4") as per ASTM F 439.

STANDARDS & SPECIFICATIONS

- ASTM D 1784** : Specification for Rigid PVC Compounds & CPVC Compounds
- ASTM D 2846** : Specification for CPVC Pipes & Fittings for Hot & Cold Water Distribution Systems
- ASTM F 493** : Specification for Solvent Cements for CPVC Pipes & Fittings
- ASTM F 441** : Specification for CPVC Pipe Schedule 40 & 80
- ASTM F 439** : Specification for Socket-type CPVC Pipe Fittings Schedule 80
- IS 15225** : Standard for Chlorinated PVC Compounds used for Pipes & Fittings
- IS 15778** : Standard for Chlorinated PVC Pipes for Potable Hot & Cold Water Distribution Supplies
- IS 17546** : Standard for Chlorinated PVC Fittings for Potable Hot & Cold Water Distribution Supplies

MARKING & UNIFORMITY

Pipes and Fittings made from CPVC Compound are clearly marked with the Manufacturers trademark, material designation and applicable IS / ASTM standard.

- SDR 11 Pipe** - Tan coloured with red stripe
- SDR 13.5 Pipe** - Tan coloured with brown stripe
- SDR 11 Fittings** - Tan colour
- SCH 40 & 80 Pipe** - Tan colour
- SCH 80 Fittings** - Tan colour

FEATURES

Non Corrosive | Resistance to Chemicals | Tough & Reliable | Fire Safety | Easy Cold Welding Process |
Prevent Bacterial Growth | Low Thermal Expansion | Life of More Than 50 Years |
Unaffected by Chlorine in Water Supply.

FIELD OF APPLICATIONS

Hot and Cold Water applications in : Bungalows | Apartments | Commercial Buildings | Corporate Houses |
Hotels & Resorts | Hospitals & Academic Institutes for pure and hygienic water supply.

CPVC Pipes in SDR 11 & 13.5 as per IS 15778:2007 in CTS (Copper Tube Sizes) (HSN Code : 3917)



CPVC Pipes SDR 11 Class-1						
Product Code	Size (inch)	Size (mm)	Qty./ Bundle	Rate (mtr.)	Rate/Pcs (3 mtrs.)	Rate/Pcs (5 mtrs.)
CP1115	½"	15	75	86.00	258.00	430.00
CP1120	¾"	20	50	126.00	378.00	630.00
CP1125	1"	25	30	199.00	597.00	995.00
CP1132	1¼"	32	15	302.00	906.00	1510.00
CP1140	1½"	40	10	430.00	1290.00	2150.00
CP1150	2"	50	8	731.00	2193.00	3655.00

CPVC Pipes SDR 13.5 Class-2						
Product Code	Size (inch)	Size (mm)	Qty./ Bundle	Rate (mtr.)	Rate/Pcs (3 mtrs.)	Rate/Pcs (5 mtrs.)
CP13515	½"	15	75	75.00	225.00	375.00
CP13520	¾"	20	50	110.00	330.00	550.00
CP13525	1"	25	30	169.00	507.00	845.00
CP13532	1¼"	32	15	259.00	777.00	1295.00
CP13540	1½"	40	10	362.00	1086.00	1810.00
CP13550	2"	50	8	612.00	1836.00	3060.00

CPVC Fittings in SDR 11 as per ASTM D 2846 in CTS (Copper Tube Sizes) (HSN Code : 3917)

Elbow



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFE15	½"	15	100	1200	15.00
CFE20	¾"	20	100	500	17.00
CFE25	1"	25	50	250	35.00
CFE32	1¼"	32	25	125	73.50
CFE40	1½"	40	15	75	141.50
CFE50	2"	50	8	40	291.50

Tee



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFT15	½"	15	100	800	20.00
CFT20	¾"	20	50	300	28.00
CFT25	1"	25	30	150	45.00
CFT32	1¼"	32	15	90	94.50
CFT40	1½"	40	10	60	172.00
CFT50	2"	50	5	25	360.00

Coupler



CFC15	½"	15	100	2000	11.00
CFC20	¾"	20	100	800	14.00
CFC25	1"	25	50	400	23.00
CFC32	1¼"	32	50	200	46.00
CFC40	1½"	40	20	120	84.00
CFC50	2"	50	12	60	176.00

End Cap



CFEC15	½"	15	100	3500	9.00
CFEC20	¾"	20	50	1400	12.50
CFEC25	1"	25	50	700	19.50
CFEC32	1¼"	32	30	420	41.00
CFEC40	1½"	40	40	240	56.50
CFEC50	2"	50	20	100	122.50

F.T.A.



CFF15	½"	15	50	1000	17.50
CFF20	¾"	20	100	600	27.50
CFF25	1"	25	50	300	39.00
CFF32	1¼"	32	25	150	104.00
CFF40	1½"	40	20	120	125.00
CFF50	2"	50	12	72	195.50
CFF2015	¾"x½"	20x15	100	600	31.50

M.T.A.



CFM15	½"	15	100	1500	14.00
CFM20	¾"	20	100	700	21.00
CFM25	1"	25	50	350	32.00
CFM32	1¼"	32	30	210	51.50
CFM40	1½"	40	20	120	75.00
CFM50	2"	50	15	75	144.50
CFM2015	¾"x½"	20x15	100	700	22.00

Union



CFU15	½"	15	25	500	48.50
CFU20	¾"	20	15	225	80.50
CFU25	1"	25	10	160	109.00
CFU32	1¼"	32	15	105	157.00
CFU40	1½"	40	10	60	262.00
CFU50	2"	50	7	35	448.00

Elbow 45°



CFE4515	½"	15	100	1500	16.50
CFE4520	¾"	20	40	600	23.50
CFE4525	1"	25	50	300	41.50
CFE4532	1¼"	32	25	150	96.00
CFE4540	1½"	40	15	105	147.50
CFE4550	2"	50	8	48	307.50

Ball Valve



CFBV15	½"	15	15	255	90.00
CFBV20	¾"	20	6	120	161.00
CFBV25	1"	25	4	60	282.00
CFBV32	1¼"	32	3	45	466.50
CFBV40	1½"	40	2	32	855.00
CFBV50	2"	50	1	16	1423.00

Tank Connector



CFTC15	½"	15	20	300	56.00
CFTC20	¾"	20	15	210	61.50
CFTC25	1"	25	10	120	97.00
CFTC32	1¼"	32	10	70	146.00
CFTC40	1½"	40	5	60	212.00
CFTC50	2"	50	5	45	335.50

Converter Bushing (IPS to CTS)



CFCB1515	½"	15	50	400	10.00
CFCB2020	¾"	20	40	320	14.50
CFCB2525	1"	25	30	240	21.50
CFCB3232	1¼"	32	15	150	38.00
CFCB4040	1½"	40	10	120	52.50
CFCB5050	2"	50	8	80	79.50

Tank Connector (Socket Type)



CFTCS20	¾"	20	15	210	54.50
CFTCS25	1"	25	10	120	84.50

Brass Elbow



CFBE15	½"	15	25	250	61.00
CFBE20	¾"	20	20	160	96.00
CFBE25	1"	25	10	80	318.00
CFBE2015	¾"x½"	20x15	20	200	68.50
CFBE2515	1"x½"	25x15	15	150	119.00
CFBE2520	1"x¾"	25x20	15	120	186.00

Brass Tee



CFBT15	½"	15	25	200	74.00
CFBT20	¾"	20	15	120	125.50
CFBT25	1"	25	10	70	255.50
CFBT2015	¾"x½"	20x15	20	160	81.50
CFBT2515	1"x½"	25x15	10	80	129.50
CFBT2520	1"x¾"	25x20	10	80	213.00

CPVC Fittings in SDR 11 as per ASTM D 2846 in CTS (Copper Tube Sizes) (HSN Code : 3917)

Brass M.T.A



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFBM15	½"	15	30	300	131.50
CFBM20	¾"	20	20	200	178.50
CFBM25	1"	25	10	120	275.00
CFBM32	1¼"	32	8	56	622.00
CFBM40	1½"	40	6	48	781.00
CFBM50	2"	50	4	24	1492.50
CFBM2015	¾"x½"	20x15	25	250	107.00
CFBM2515	1"x½"	25x15	20	220	204.00
CFBM2520	1"x¾"	25x20	20	160	214.50

Brass F.T.A.



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFBF15	½"	15	30	360	124.00
CFBF20	¾"	20	25	250	171.00
CFBF25	1"	25	10	120	270.00
CFBF32	1¼"	32	8	64	618.00
CFBF40	1½"	40	6	48	704.50
CFBF50	2"	50	4	32	1352.00
CFBF2015	¾"x½"	20x15	25	250	76.00
CFBF2515	1"x½"	25x15	20	200	100.50
CFBF2520	1"x¾"	25x20	20	200	109.50

Brass MTA (Hex)



CFBMH20	¾"	20	10	130	214.50
CFBMH25	1"	25	5	75	331.50
CFBMH32	1¼"	32			682.00
CFBMH40	1½"	40			848.50
CFBMH50	2"	50			1622.00
CFBMH2015	¾"x½"	20x15	15	210	131.00

Brass FTA (Hex)



CFBFH20	¾"	20	10	130	213.00
CFBFH25	1"	25	5	75	325.50
CFBFH32	1¼"	32			692.50
CFBFH40	1½"	40			818.50
CFBFH50	2"	50			1482.50
CFBFH2015	¾"x½"	20x15	15	210	130.00

Reducer Tee



CFRT2015	¾"x½"	20x15	50	300	44.00
CFRT2515	1"x½"	25x15	30	150	73.00
CFRT2520	1"x¾"	25x20	30	150	63.50
CFRT3215	1¼"x½"	32x15	15	90	129.00
CFRT3220	1¼"x¾"	32x20	15	90	137.00
CFRT3225	1¼"x1"	32x25	15	90	127.00
CFRT4015	1½"x½"	40x15	10	60	211.50
CFRT4020	1½"x¾"	40x20	10	60	210.50
CFRT4025	1½"x1"	40x25	10	60	201.50
CFRT4032	1½"x1¼"	40x32	10	60	202.50
CFRT5015	2"x½"	50x15	5	25	388.50
CFRT5020	2"x¾"	50x20	5	25	402.00
CFRT5025	2"x1"	50x25	5	25	390.50
CFRT5032	2"x1¼"	50x32	5	25	398.50
CFRT5040	2"x1½"	50x40	5	25	397.50

Reducer Elbow



CFRE2015	¾"x½"	20x15	100	500	27.50
CFRE2515	1"x½"	25x15	50	250	68.00
CFRE2520	1"x¾"	25x20	50	250	44.00

Reducer Coupler



CFRC2015	¾"x½"	20x15	100	1200	19.50
CFRC2515	1"x½"	25x15	100	600	28.50
CFRC2520	1"x¾"	25x20	100	500	31.00
CFRC3215	1¼"x½"	32x15	40	280	67.00
CFRC3220	1¼"x¾"	32x20	40	280	63.00
CFRC3225	1¼"x1"	32x25	40	280	68.50
CFRC4015	1½"x½"	40x15	30	180	98.00
CFRC4020	1½"x¾"	40x20	30	210	108.50
CFRC4025	1½"x1"	40x25	30	180	110.50
CFRC4032	1½"x1¼"	40x32	25	150	100.00
CFRC5015	2"x½"	50x15	15	90	220.50
CFRC5020	2"x¾"	50x20	15	90	243.00
CFRC5025	2"x1"	50x25	15	90	186.50
CFRC5032	2"x1¼"	50x32	15	90	205.00
CFRC5040	2"x1½"	50x40	15	90	230.50

Reducer Bush



CFRB2015	¾"x½"	20x15	100	2000	10.50
CFRB2515	1"x½"	25x15	100	1000	22.50
CFRB2520	1"x¾"	25x20	100	1000	17.50
CFRB3215	1¼"x½"	32x15	100	500	45.50
CFRB3220	1¼"x¾"	32x20	100	500	32.00
CFRB3225	1¼"x1"	32x25	100	500	27.00
CFRB4015	1½"x½"	40x15	50	300	67.00
CFRB4020	1½"x¾"	40x20	50	300	51.50
CFRB4025	1½"x1"	40x25	50	300	50.50
CFRB4032	1½"x1¼"	40x32	50	300	35.50
CFRB5015	2"x½"	50x15	20	140	108.50
CFRB5020	2"x¾"	50x20	20	140	99.50
CFRB5025	2"x1"	50x25	20	140	100.00
CFRB5032	2"x1¼"	50x32	20	140	107.00
CFRB5040	2"x1½"	50x40	20	140	89.00

Cross Tee



CFCT20	¾"	20	50	300	50.50
CFCT25	1"	25	25	150	89.00

Step Over Bend



CFSOB20	¾"	20	25	150	92.00
CFSOB25	1"	25	15	90	169.00

Bend 90°



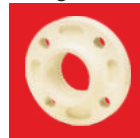
CFB9015	½"	15	30	300	30.00
CFB9020	¾"	20	25	200	52.00
CFB9025	1"	25	20	100	85.50
CFB9032	1¼"	32	15	60	129.50
CFB9040	1½"	40	5	40	171.00
CFB9050	2"	50	2	20	381.00

Long Plug



LP15	½"	15	100	500	10.00
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Flange



CFFG40	1½"	40	1	20	450.50
CFFG50	2"	50	1	16	617.50

CPVC Fittings in SDR 11 as per ASTM D 2846 in CTS (Copper Tube Sizes) (HSN Code : 3917)

Solvent Cement
(HSN Code : 3506)



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFSC15	15ml	Tube	50	600	50.00
CFSC29	29ml	Tube	64	384	70.00
CFSC59	59ml	Tube	40	240	130.00
CFSC118	118ml	Tin	24	144	205.00
CFSC237	237ml	Tin	24	96	350.00
CFSC473	473ml	Tin	12	48	650.00
CFSC946	946ml	Tin	6	24	1150.00

Primer (HSN Code : 3506)



CUPF473	473ml	Tin	12	48	400.00
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Concealed Valve (Full Turn)



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFCV20	¾"	20	1	25	955.00
CFCV25	1"	25	1	25	1015.00

PTFE Tape (HSN Code : 3920)



PTY12	10mtr.	12	250	1000	20.00
PTY19	10mtr.	19	250	1000	28.00
PTW12	10mtr.	12	250	1000	17.00

CPVC 3 in 1 Mixer Adaptor 6" & 7" (HSN Code : 3917)

All Top 6"



CFAT62015	¾"x½"	20x15	1	30	402.00
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All Top 7"



CFAT72015	¾"x½"	20x15	1	30	410.00
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Top and Bottom 6"



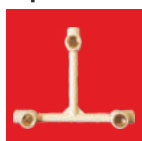
CFTB62015	¾"x½"	20x15	1	30	402.00
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Top and Bottom 7"



CFTB72015	¾"x½"	20x15	1	30	410.00
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Top and Side 6"



CFTS62015	¾"x½"	20x15	1	30	402.00
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Top and Side 7"



CFTS72015	¾"x½"	20x15	1	30	410.00
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Hot Up and Cold Down 6"



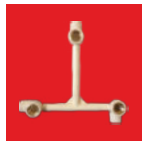
CFUD62015	¾"x½"	20x15	1	30	402.00
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Hot Up and Cold Down 7"



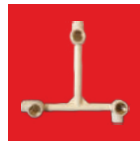
CFUD72015	¾"x½"	20x15	1	30	410.00
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Hot Side and Cold Down 6"



CFSD62015	¾"x½"	20x15	1	30	402.00
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Hot Side and Cold Down 7"



CFSD72015	¾"x½"	20x15	1	30	410.00
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Kitchen Mixer Adaptor - Down



CFKMA2015	¾"x½"	20x15	3	30	345.00
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CPVC Pipes SCH 40 & SCH 80 as per ASTM F-441 (HSN Code : 3917)

CPVC Pipes SCH 40 as per ASTM F-441

Product Code	Size (inch)	Size (mm)	Qty./ Bundle	Rate (mtr.)	Rate/Pcs (3 mtrs.)
CP4065	2½"	65	5	1165.00	3495.00
CP4080	3"	80	4	1556.00	4668.00
CP40100	4"	100	2	2195.00	6585.00



CPVC Pipes SCH 80 as per ASTM F-441

Product Code	Size (inch)	Size (mm)	Qty./ Bundle	Rate (mtr.)	Rate/Pcs (3 mtrs.)
CP8065	2½"	65	5	1583.00	4749.00
CP8080	3"	80	4	2117.00	6351.00
CP80100	4"	100	2	3117.00	9351.00

CPVC Fittings SCH 80 as per ASTM F-439 (HSN Code : 3917)

Elbow



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFE65	2½"	65	2	6	900.00
CFE80	3"	80	1	4	1329.00
CFE100	4"	100	1	3	2252.50

Tee



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFT65	2½"	65	2	6	1228.00
CFT80	3"	80	2	4	1828.00
CFT100	4"	100	1	2	3068.00

Coupler



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFC65	2½"	65	4	20	567.00
CFC80	3"	80	2	6	808.50
CFC100	4"	100	1	4	1240.50

End Cap



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFEC65	2½"	65	6	18	350.50
CFEC80	3"	80	2	12	518.00
CFEC100	4"	100	2	8	906.00

F.T.A.



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFF65	2½"	65	2	18	371.50
CFF80	3"	80	2	10	597.50
CFF100	4"	100	1	4	1014.00

M.T.A.



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFM65	2½"	65	2	18	379.50
CFM80	3"	80	2	10	523.00
CFM100	4"	100	1	4	989.00

Union



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFU65	2½"	65	1	4	1156.50
CFU80	3"	80	1	4	1573.50
CFU100	4"	100	1	2	2583.00

Elbow 45°



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFE4565	2½"	65	2	6	805.00
CFE4580	3"	80	2	4	1138.50
CFE45100	4"	100	1	3	2048.00

Reducer Tee



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFRT6550C	2½"x2"CTS	65x50	2	6	999.00
CFRT8050C	3"x2"CTS	80x50	2	4	1410.00
CFRT8065	3"x2½"	80x65	2	4	1445.50
CFRT10050C	4"x2"CTS	100x50	1	2	2467.50
CFRT10065	4"x2½"	100x65	1	2	2496.50
CFRT10080	4"x3"	100x80	1	2	2538.00

Flange



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFFG65	2½"	65	2	20	1203.50
CFFG80	3"	80	2	16	1332.50
CFFG100	4"	100	1	12	2292.50

Reducer Coupler



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFRC6550C	2½"x2"CTS	65x50	3	9	490.00
CFRC8050C	3"x2"CTS	80x50	2	6	701.50
CFRC8065	3"x2½"	80x65	2	6	769.50
CFRC10050C	4"x2"CTS	100x50	1	4	1033.50
CFRC10065	4"x2½"	100x65	1	4	1093.00
CFRC10080	4"x3"	100x80	1	4	1160.50

Brass F.T.A.



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFBF65	2½"	65	2	8	1501.50
CFBF80	3"	80	1	6	2377.00
CFBF100	4"	100	1	4	3628.00

Reducer Bush



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFRB6550C	2½"x2"CTS	65x50	4	20	328.50
CFRB8050C	3"x2"CTS	80x50	4	12	664.50
CFRB8065	3"x2½"	80x65	4	12	423.00
CFRB10050C	4"x2"CTS	100x50	2	8	1137.00
CFRB10065	4"x2½"	100x65	2	8	992.50
CFRB10080	4"x3"	100x80	2	8	882.50

Brass M.T.A.



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFBM65	2½"	65	2	8	1626.00
CFBM80	3"	80	1	6	2690.00
CFBM100	4"	100	1	4	3940.50

Ball Valve



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFBV65	2½"	65	1		Coming Soon
CFBV80	3"	80	1		Coming Soon
CFBV100	4"	100	1		Coming Soon

Tank Connector (Socket Type)



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
CFTCS65	2½"	65	3	9	799.00
CFTCS80	3"	80	1	6	999.00
CFTCS100	4"	100	1	4	1792.00

Always Ahead In Quality



Surefit

**uPVC ASTM PLUMBING
SYSTEM
FOR COLD WATER**



PRODUCT DETAILS

WATERFLO Surefit uPVC ASTM Plumbing system is technically superior, cost effective and ensures uninterrupted flow of water from overhead / underground tank to toilet block, kitchen sink or any other utility. WATERFLO Surefit uPVC Pipes and Fittings are Lead Free and hence non toxic, easy to install and are made for life time trouble free service.

WATERFLO uPVC materials conform to ASTM Cell Classification 12454-B of ASTM D 1784 (formally designated as Type I, Grade I). The maximum recommended service temperature of PVC Products is 60°C (140°F).

PRODUCT RANGE

PIPES	: Schedule 40 & Schedule 80	from 15 mm (½") to 150 mm (6") as per ASTM D 1785
FITTINGS	: Schedule 40	from 15 mm (½") to 50 mm (2") as per ASTM D 2466
	: Schedule 80	from 15 mm (½") to 100 mm (4") as per ASTM D 2467

STANDARDS & SPECIFICATIONS

- ASTM D 1784** : Specification for Rigid PVC Compounds.
- ASTM D 1785** : PVC Plastic Pipes, SCH 40 & SCH 80.
- ASTM D 2466** : Socket Type PVC Plastic Fittings, SCH 40.
- ASTM D 2467** : Socket Type PVC Plastic Fittings, SCH 80.
- ASTM D 2564** : Solvent Cements for Plastic Pipes & Fittings.
- ASTM D 2774** : Underground Installation of Thermoplastic Pipes.

MARKING & UNIFORMITY

Pipes and Fittings made from uPVC Compound are clearly marked with the Manufacturers trademark, material designation and applicable ASTM standard.

- SCH 40 Pipe** - White coloured with blue stripe
- SCH 80 Pipe** - White coloured with red stripe
- SCH 40 Fittings** - White colour
- SCH 80 Fittings** - White colour

FEATURES

Lead Free | Strong & Light Weight | Easy & Leak Proof Joints | Fire Resistant | High Impact Strength | UV Stabilized | Resistance to chemicals | Cost Effective | Safe for Potable Water | More Pressure bearing capacity.

FIELD OF APPLICATIONS

DOMESTIC : Cold Water Plumbing application in homes, offices, hotels, residential, complexes, commercial complexes etc. Pipes for hand pumps.

INDUSTRIAL : Industrial Process lines, R.O. (Reverse Osmosis) Water Purifier plants, Salt water lines, Aggressive corrosive fluid transportation, Sugar, Paper and Distillery Industries, Coal washing and ash handling.

OTHERS : Swimming Pools, Water Distribution Mains.

uPVC Pipes SCH 40 & SCH 80 as per ASTM D-1785 (HSN Code : 3917)

Waterflo uPVC Pipes SCH 40 as per ASTM D-1785					
Product Code	Size (inch)	Size (mm)	Qty./Bdl. 3mtr.	Qty./Bdl. 6mtr.	Rate/ 3mtrs.
UP4015	½"	15	50	30	186.50
UP4020	¾"	20	40	25	237.50
UP4025	1"	25	25	20	344.00
UP4032	1¼"	32	15	10	491.00
UP4040	1½"	40	10	10	585.50
UP4050	2"	50	7	7	774.50



Waterflo Surefit uPVC Pipes SCH 40 as per ASTM D-1785					
Product Code	Size (inch)	Size (mm)	Qty./Bdl. 3mtr.	Qty./Bdl. 6mtr.	Rate/ 3mtrs.
UPS4015	½"	15	50	30	205.00
UPS4020	¾"	20	40	25	264.00
UPS4025	1"	25	25	20	382.00
UPS4032	1¼"	32	15	10	543.00
UPS4040	1½"	40	10	10	650.00
UPS4050	2"	50	7	7	855.00

Waterflo uPVC Pipes SCH 80 as per ASTM D-1785					
Product Code	Size (inch)	Size (mm)	Qty./Bdl. 3mtr.	Qty./Bdl. 6mtr.	Rate/ 3mtrs.
UP8015	½"	15	50	30	223.50
UP8020	¾"	20	40	25	311.00
UP8025	1"	25	25	20	431.50
UP8032	1¼"	32	15	10	624.00
UP8040	1½"	40	10	10	759.50
UP8050	2"	50	7	7	1059.50

Waterflo Surefit uPVC Pipes SCH 80 as per ASTM D-1785					
Product Code	Size (inch)	Size (mm)	Qty./Bdl. 3mtr.	Qty./Bdl. 6mtr.	Rate/ 3mtrs.
UPS8015	½"	15	50	30	248.50
UPS8020	¾"	20	40	25	343.50
UPS8025	1"	25	25	20	490.50
UPS8032	1¼"	32	15	10	688.00
UPS8040	1½"	40	10	10	837.50
UPS8050	2"	50	7	7	1169.50

uPVC Fittings SCH-80 as per ASTM D-2467 (HSN Code : 3917)

Elbow



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFE8015	½"	15	70	350	12.00
UFE8020	¾"	20	50	200	19.00
UFE8025	1"	25	30	120	30.00
UFE8032	1¼"	32	14	70	49.50
UFE8040	1½"	40	15	60	64.00
UFE8050	2"	50	8	32	95.00

Tee



UFT8015	½"	15	55	220	18.00
UFT8020	¾"	20	30	120	24.50
UFT8025	1"	25	15	75	40.00
UFT8032	1¼"	32	10	50	63.00
UFT8040	1½"	40	--	38	85.00
UFT8050	2"	50	--	22	130.00

Coupler



UFC8015	½"	15	100	500	9.00
UFC8020	¾"	20	75	300	13.00
UFC8025	1"	25	45	180	20.50
UFC8032	1¼"	32	25	100	31.00
UFC8040	1½"	40	--	100	42.00
UFC8050	2"	50	--	56	60.50

M.T.A.



UFM8015	½"	15	125	625	7.50
UFM8020	¾"	20	100	400	13.00
UFM8025	1"	25	40	240	17.00
UFM8032	1¼"	32	--	210	25.00
UFM8040	1½"	40	--	150	33.50
UFM8050	2"	50	--	96	50.00

F.T.A.



UFF8015	½"	15	125	500	9.00
UFF8020	¾"	20	75	300	14.50
UFF8025	1"	25	50	200	21.00
UFF8032	1¼"	32	25	100	30.00
UFF8040	1½"	40	--	110	38.00
UFF8050	2"	50	--	64	56.50

Elbow 45°



UFE458015	½"	15	80	400	14.00
UFE458020	¾"	20	47	235	19.50
UFE458025	1"	25	20	140	30.00
UFE458032	1¼"	32	15	75	42.00
UFE458040	1½"	40	15	75	54.50
UFE458050	2"	50	9	36	84.50

Brass Elbow



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFBE15	½"	15	40	160	73.00
UFBE20	¾"	20	21	105	116.50
UFBE25	1"	25	16	48	206.00
UFBE2015	¾"x½"	20x15	40	120	86.50
UFBE2515	1"x½"	25x15	20	80	103.50

Brass Tee



UFBT15	½"	15	30	180	79.00
UFBT25	1"	25	15	75	207.00
UFBT2015	¾"x½"	20x15	25	125	90.00
UFBT2515	1"x½"	25x15	15	75	124.00
UFBT2520	1"x¾"	25x20	15	75	148.50

Brass M.T.A.



UFBM15	½"	15	20	240	97.00
UFBM20	¾"	20	15	150	143.00
UFBM25	1"	25	12	120	207.50
UFBM32	1¼"	32	--	40	481.50
UFBM40	1½"	40	--	32	532.00
UFBM50	2"	50	--	26	766.50
UFBM2015	¾"x½"	20x15	20	200	110.00
UFBM2515	1"x½"	25x15	10	120	118.00
UFBM2520	1"x¾"	25x20	10	120	168.50

Brass F.T.A.



UFBF15	½"	15	72	216	64.00
UFBF20	¾"	20	49	147	99.50
UFBF25	1"	25	10	100	156.50
UFBF32	1¼"	32	--	40	358.50
UFBF40	1½"	40	--	32	402.50
UFBF50	2"	50	--	24	587.00
UFBF2015	¾"x½"	20x15	64	192	74.50
UFBF2515	1"x½"	25x15	25	125	88.00
UFBF2520	1"x¾"	25x20	10	120	118.00

End Cap



UFEC8015	½"	15	50	1000	7.00
UFEC8020	¾"	20	50	650	9.50
UFEC8025	1"	25	25	350	14.50
UFEC8032	1¼"	32	40	200	23.50
UFEC8040	1½"	40	15	165	29.00
UFEC8050	2"	50	20	100	44.50

uPVC Fittings SCH-80 as per ASTM D-2467 (HSN Code : 3917)

Reducer Tee



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFRT802015	¾"x½"	20x15	30	150	28.00
UFRT802515	1"x½"	25x15	25	100	39.50
UFRT802520	1"x¾"	25x20	25	100	40.00
UFRT803215	1¼"x½"	32x15	15	75	68.00
UFRT803220	1¼"x¾"	32x20	15	75	68.00
UFRT803225	1¼"x1"	32x25	15	75	71.00
UFRT804015	1½"x½"	40x15	8	40	86.50
UFRT804020	1½"x¾"	40x20	8	40	88.00
UFRT804025	1½"x1"	40x25	8	40	86.50
UFRT804032	1½"x1¼"	40x32	8	40	96.00
UFRT805015	2"x½"	50x15	6	24	133.50
UFRT805020	2"x¾"	50x20	6	24	137.00
UFRT805025	2"x1"	50x25	6	24	141.00
UFRT805032	2"x1¼"	50x32	6	24	144.50
UFRT805040	2"x1½"	50x40	6	24	147.00

Reducer Coupler



UFRC802015	¾"x½"	20x15	100	400	12.00
UFRC802515	1"x½"	25x15	50	200	22.00
UFRC802520	1"x¾"	25x20	50	200	24.00
UFRC803215	1¼"x½"	32x15	25	150	35.00
UFRC803220	1¼"x¾"	32x20	25	150	35.50
UFRC803225	1¼"x1"	32x25	25	150	35.00
UFRC804015	1½"x½"	40x15	15	90	45.00
UFRC804020	1½"x¾"	40x20	15	90	46.50
UFRC804025	1½"x1"	40x25	15	90	49.50
UFRC804032	1½"x1¼"	40x32	15	90	52.00
UFRC805015	2"x½"	50x15	18	72	63.50
UFRC805020	2"x¾"	50x20	17	68	65.00
UFRC805025	2"x1"	50x25	15	60	75.00
UFRC805032	2"x1¼"	50x32	14	56	78.00
UFRC805040	2"x1½"	50x40	12	48	78.00

Reducer Elbow



UFRE802015	¾"x½"	20x15	50	200	23.50
UFRE802515	1"x½"	25x15	30	150	32.00
UFRE802520	1"x¾"	25x20	30	150	34.50

Reducer Bush



UFRB402015	¾"x½"	20x15	50	800	5.00
UFRB802515	1"x½"	25x15	25	450	13.00
UFRB802520	1"x¾"	25x20	25	450	9.50
UFRB803215	1¼"x½"	32x15	50	250	27.00
UFRB803220	1¼"x¾"	32x20	50	250	22.00
UFRB803225	1¼"x1"	32x25	50	250	15.50
UFRB804015	1½"x½"	40x15	25	150	32.00
UFRB804020	1½"x¾"	40x20	25	150	34.50
UFRB804025	1½"x1"	40x25	25	150	25.00
UFRB804032	1½"x1¼"	40x32	25	150	15.50
UFRB805015	2"x½"	50x15	25	100	43.50
UFRB805020	2"x¾"	50x20	25	100	47.00
UFRB805025	2"x1"	50x25	25	100	51.50
UFRB805032	2"x1¼"	50x32	25	100	44.50
UFRB805040	2"x1½"	50x40	25	100	37.00

Tank Connector



UFTC8015	½"	15	60	300	25.50
UFTC8020	¾"	20	40	200	33.00
UFTC8025	1"	25	20	120	49.50
UFTC8032	1¼"	32	15	75	70.00
UFTC8040	1½"	40	11	55	85.00
UFTC8050	2"	50	7	35	114.50

Tank Connector (Socket Type)



UFTCS8015	½"	15	50	350	25.00
UFTCS8020	¾"	20	40	280	32.00
UFTCS8025	1"	25	30	150	48.00
UFTCS8050	2"	50	10	50	112.50

Union



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFU8015	½"	15	30	180	33.00
UFU8020	¾"	20	30	120	46.50
UFU8025	1"	25	21	84	60.50
UFU8032	1¼"	32	16	64	81.00
UFU8040	1½"	40	12	48	121.00
UFU8050	2"	50	9	36	182.00

Threaded Elbow



UFET8015	½"	15	54	324	18.00
UFET802015	¾"x½"	20x15	30	210	35.50
UFET8025	1"	25	25	100	59.50
UFET802515	1"x½"	25x15	25	125	55.00
UFET802520	1"x¾"	25x20	25	125	56.50

Threaded Tee



UFTT8015	½"	15	40	200	23.50
UFTT8025	1"	25	20	80	63.50
UFTT802515	1"x½"	25x15	20	80	53.50
UFTT802520	1"x¾"	25x20	20	80	58.00

uPVC Fittings SCH-40 as per ASTM D-2466 (HSN Code : 3917)

Elbow



UFE4015	½"	15	100	600	10.50
UFE4020	¾"	20	50	300	16.00
UFE4025	1"	25	25	175	25.50
UFE4032	1¼"	32	15	105	39.50
UFE4040	1½"	40	15	75	50.50
UFE4050	2"	50	9	45	77.00

Tee



UFT4015	½"	15	50	350	14.50
UFT4020	¾"	20	50	200	18.50
UFT4025	1"	25	25	125	33.50
UFT4032	1¼"	32	10	70	51.00
UFT4040	1½"	40	—	53	68.00
UFT4050	2"	50	—	33	97.00

Coupler



UFC4015	½"	15	100	800	7.00
UFC4020	¾"	20	100	400	11.50
UFC4025	1"	25	50	250	17.50
UFC4032	1¼"	32	25	150	24.50
UFC4040	1½"	40	20	100	31.00
UFC4050	2"	50	10	60	46.50

Cross Tee



UFCT4015	½"	15	40	200	23.00
UFCT4020	¾"	20	20	60	30.50
UFCT4025	1"	25	20	80	54.50

M.T.A.



UFM4015	½"	15	100	1100	6.50
UFM4020	¾"	20	50	550	10.00
UFM4025	1"	25	50	350	14.50
UFM4032	1¼"	32	25	175	20.50
UFM4040	1½"	40	25	150	28.50
UFM4050	2"	50	15	90	39.50

F.T.A.



UFF4015	½"	15	100	800	7.00
UFF4020	¾"	20	50	500	10.00
UFF4025	1"	25	50	300	17.00
UFF4032	1¼"	32	25	150	24.50
UFF4040	1½"	40	20	120	30.00
UFF4050	2"	50	15	75	47.00

uPVC Fittings SCH-40 as per ASTM D-2466 (HSN Code : 3917)

Reducer Tee



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFRT402515	1"x½"	25x15	25	150	33.50
UFRT404015	1½"x½"	40x15	--	60	67.00
UFRT404020	1½"x¾"	40x20	--	60	70.00
UFRT404032	1½"x1¼"	40x32	--	48	78.00
UFRT405015	2"x½"	50x15	--	48	107.00
UFRT405020	2"x¾"	50x20	--	40	107.00
UFRT405025	2"x1"	50x25	--	30	110.00
UFRT405032	2"x1¼"	50x32	--	38	112.00
UFRT405040	2"x1½"	50x40	--	38	105.50

Reducer Coupler



UFRC402515	1"x½"	25x15	50	350	17.00
UFRC402520	1"x¾"	25x20	50	250	19.50

Elbow 45°



UFE454015	½"	15	100	500	11.50
UFE454020	¾"	20	50	250	17.00
UFE454025	1"	25	25	150	24.00

Flange



UFFG25	1"	25	4	32	97.00
UFFG40	1½"	40	1	20	172.00
UFFG50	2"	50	1	16	222.50

PVC Solvent Cement (77 Heavy Duty) (HSN Code : 3506)



UFSCH20	20ml	Tube	100	600	43.00
UFSCH50	50ml	Tube	50	300	73.00
UFSCH59	59ml	Tin	30	240	105.00
UFSCH118	118ml	Tin	24	144	155.00
UFSCH237	237ml	Tin	24	96	275.00
UFSCH473	473ml	Tin	12	48	500.00
UFSCH946	946ml	Tin	6	24	900.00

PVC Solvent Cement (57 Medium Duty) (HSN Code : 3506)



UFSCM20	20ml	Tube	100	600	33.00
UFSCM50	50ml	Tube	50	300	60.00
UFSCM118	118ml	Tin	24	144	140.00
UFSCM237	237ml	Tin	24	96	245.00
UFSCM473	473ml	Tin	12	48	440.00
UFSCM946	946ml	Tin	6	24	800.00

Primer (HSN CODE:3506)



CUPF473	473ml	Tin	12	48	400.00
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uPVC Fittings Ball Valve & Accessories (HSN Code : 3917)

Compact Ball Valve (Short Handle)



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFCBV15	½"	15	30	300	70.00
UFCBV20	¾"	20	20	200	102.00
UFCBV25	1"	25	12	120	173.50
UFCBV32	1¼"	32	6	60	229.00
UFCBV40	1½"	40	5	50	345.00
UFCBV50	2"	50	3	30	553.00

Compact Ball Valve (Long Handle)



UFCBVL15	½"	15	28	280	73.00
UFCBVL20	¾"	20	18	180	107.00
UFCBVL25	1"	25	10	100	178.50
UFCBVL32	1¼"	32	6	60	236.00
UFCBVL40	1½"	40	4	40	357.00
UFCBVL50	2"	50	3	30	574.50
UFCBVL65	2½"	65	1	2	1543.50
UFCBVL80	3"	80	1	2	1923.00
UFCBVL100	4"	100	1	1	4390.00

Ball Valve



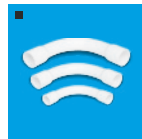
UFBV15	½"	15			Coming Soon
UFBV20	¾"	20			Coming Soon
UFBV25	1"	25			Coming Soon

Long Plug



UFLPW15	½"	15	100	500	7.00
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Bend 90°



UFB9015	½"	15	40	120	33.50
UFB9020	¾"	20	30	90	40.50
UFB9025	1"	25	20	60	68.00
UFB9032	1¼"	32	10	30	102.50
UFB9040	1½"	40	8	24	123.50
UFB9050	2"	50	4	12	215.50

PTFE Tape (HSN Code : 3920)



PTY12	10 mtr.	12	250	1000	20.00
PTY19	10 mtr.	19	250	1000	28.00
PTW12	10 mtr.	12	250	1000	17.00

uPVC Pipes SCH 40 & SCH 80 as per ASTM D-1785 (HSN Code : 3917)

Waterflo uPVC Pipes SCH 40 as per ASTM D-1785

Product Code	Size (inch)	Size (mm)	Qty./ Bundle	Rate (mtr.)	Rate/Pcs (3 mtrs.)
UP4065	2½"	65	4	445.50	1336.50
UP4080	3"	80	4	586.00	1758.00
UP40100	4"	100	2	830.00	2490.00
UP40150	6"	150	1	1569.50	4708.50



Waterflo uPVC Pipes SCH 80 as per ASTM D-1785

Product Code	Size (inch)	Size (mm)	Qty./ Bundle	Rate (mtr.)	Rate/Pcs (3 mtrs.)
UP8065	2½"	65	4	610.00	1830.00
UP8080	3"	80	4	785.00	2355.00
UP80100	4"	100	2	1176.00	3528.00
UP80150	6"	150	1	2227.00	6681.00

uPVC Fittings SCH-80 as per ASTM D 2467 (HSN Code : 3917)

Elbow



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFE65	2½"	65	2	6	207.50
UFE80	3"	80	1	4	304.50
UFE100	4"	100	1	3	537.50

Tee



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFT65	2½"	65	2	6	257.50
UFT80	3"	80	2	4	391.50
UFT100	4"	100	1	2	691.00

Coupler



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFC65	2½"	65	4	20	122.00
UFC80	3"	80	2	6	172.00
UFC100	4"	100	1	4	281.00

End Cap



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFEC65	2½"	65	6	18	91.50
UFEC80	3"	80	2	12	130.50
UFEC100	4"	100	2	8	226.00

F.T.A.



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFF65	2½"	65	2	18	106.00
UFF80	3"	80	2	10	145.50
UFF100	4"	100	1	4	239.00

M.T.A.



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFM65	2½"	65	2	18	105.00
UFM80	3"	80	2	10	146.00
UFM100	4"	100	1	4	244.00

Union



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFU65	2½"	65	1	4	433.00
UFU80	3"	80	1	4	585.00
UFU100	4"	100	1	2	918.50

Elbow 45°



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFE4565	2½"	65	2	6	173.50
UFE4580	3"	80	2	4	249.00
UFE45100	4"	100	1	3	427.00

Flange



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFFG65	2½"	65	2	20	323.00
UFFG80	3"	80	2	16	430.50
UFFG100	4"	100	1	12	606.00

Reducer Tee



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFRT6525	2½"x1"	65x25	2	6	235.00
UFRT6540	2½"x1½"	65x40	2	6	240.00
UFRT6550	2½"x2"	65x50	2	6	246.50
UFRT8040	3"x1½"	80x40	2	4	349.00
UFRT8050	3"x2"	80x50	2	4	356.00
UFRT8065	3"x2½"	80x65	2	4	373.00
UFRT10040	4"x1½"	100x40	1	2	606.00
UFRT10050	4"x2"	100x50	1	2	614.00
UFRT10065	4"x2½"	100x65	1	2	631.00
UFRT10080	4"x3"	100x80	1	2	644.50

Brass F.T.A.



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFBF65	2½"	65	2	8	1144.00
UFBF80	3"	80	1	6	1396.50
UFBF100	4"	100	1	4	2105.00

Reducer Coupler



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFRC6540	2½"x1½"	65x40	3	9	106.00
UFRC6550	2½"x2"	65x50	3	9	108.00
UFRC8050	3"x2"	80x50	2	6	144.50
UFRC8065	3"x2½"	80x65	2	6	162.50
UFRC10050	4"x2"	100x50	1	4	211.00
UFRC10065	4"x2½"	100x65	1	4	257.50
UFRC10080	4"x3"	100x80	1	4	264.00

Brass M.T.A.



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFBM65	2½"	65	2	8	1412.00
UFBM80	3"	80	1	6	1693.00
UFBM100	4"	100	1	4	2548.50

Reducer Bush



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFRB6550	2½"x2"	65x50	4	20	65.50
UFRB8050	3"x2"	80x50	4	12	134.50
UFRB8065	3"x2½"	80x65	4	12	106.00
UFRB10050	4"x2"	100x50	2	8	218.50
UFRB10065	4"x2½"	100x65	2	8	241.50
UFRB10080	4"x3"	100x80	2	8	211.00

Tank Connector (Socket Type)



Product Code	Size (inch)	Size (mm)	Std. Pkg.	Qty./ Box	Rate (Pcs)
UFTCS65	2½"	65	3	9	261.00
UFTCS80	3"	80	1	6	328.50
UFTCS100	4"	100	1	4	564.00

Always Ahead In Quality



Clickfit[®]

**uPVC SWR SYSTEM
FOR SOIL WASTE &
RAIN WATER**



PRODUCT DETAILS

WATERFLO Clickfit is a uPVC drainage System for Soil, Waste and Rain water. It is a unique system that is joined together by simply pushing the spigot into socket end. The spigot end is held strongly in the socket by the Co-moulded Yellow rubber ring provided in the groove. This Co-moulded ring ensures leak proof joints that can withstand high pressure, prevent chocking and allows thermal expansion and contraction. This system thus does not require to paste or to thread.

PRODUCT RANGE

PIPES : Available Sizes 75mm, 90mm, 110mm & 160 mm in Type A & Type B

FITTINGS : Available Sizes 75mm, 90mm, 110mm & 160 mm.

STANDARDS & SPECIFICATIONS

IS: 13592: Specification for unplasticized PVC Pipes for Soil and Waste Discharge System for inside and outside Building including Ventilation and Rain water System.

IS: 14735: Specification for unplasticized PVC Injection Moulded Fittings for Soil and Waste Discharge System for inside and outside Building including Ventilation and Rain water System.

PIPES ARE SUBJECT TO TESTS LIKE

Reversion | Stress relief test | Impact strength | Tensile strength | Axial shrinkage | Water tightness of joint | Vicat softening temperature | Effect of sunlight | Resistance to H₂SO₄ | Resistance to dichloromethane at specified temperature.

FITTING ARE SUBJECT TO TESTS LIKE

Stress relief test | Sulphated ash content | Impact test (Drop test) | Water tightness of joint | Vicat softening temperature | Resistance to H₂SO₄ | Tensile strength | Axial shrinkage | Effect of sunlight | TiO₂ content.

FEATURES

Non Corrosive | High Flow Rates - No chocking | Leak proof joints | High Chemical Resistance | UV Stabilized | Quick & Convenient to Install | Cost Effective | Elegant | Stronger, Resilient and Longer Lasting.

FIELD OF APPLICATIONS

Drain and Sewer system in:

Bungalows | Apartments | Commercial Buildings | Corporate Houses | Hotels & Resorts | Hospitals & Academic Institutes | Industries.

Clickfit uPVC SWR Pipes Type A (HSN Code: 3917)

Pipes Type A	Size	75mm (2½")		90mm (3")		110mm (4")		160mm (6")	
	Length Socket	Product Code	Rate/ Pcs.	Product Code	Rate/ Pcs.	Product Code	Rate/ Pcs.	Product Code	Rate/ Pcs.
	3 mtr. S/S	CSPAS1075	487.00	CSPAS1090	643.00	CSPAS10110	848.50	CSPAS10160	1941.00
	6 mtr. S/S	CSPAS2075	952.00	CSPAS2090	1254.50	CSPAS20110	1662.00	CSPAS20160	3815.50
	6 Ft. S/S	CSPAS675	310.50	CSPAS690	401.50	CSPAS6110	555.00	CSPAS6160	
	3 mtr. D/S	CSPAD1075	500.00	CSPAD1090	657.00	CSPAD10110	884.00	CSPAD10160	2000.00
	6 mtr. D/S	CSPAD2075	965.50	CSPAD2090	1269.50	CSPAD20110	1696.50	CSPAD20160	3873.00
	6 Ft. D/S	CSPAD675	334.00	CSPAD690	417.00	CSPAD6110	585.00	CSPAD6160	
	4 Ft. D/S	CSPAD475	231.00	CSPAD490	290.50	CSPAD4110	403.00	CSPAD4160	
	3 Ft. D/S	CSPAD375	186.00	CSPAD390	228.50	CSPAD3110	311.50	CSPAD3160	
	2 Ft. D/S	CSPAD275	132.00	CSPAD290	165.50	CSPAD2110	223.50	CSPAD2160	

Clickfit uPVC SWR Pipes Type B (HSN Code: 3917)

Pipes Type B	Size	75mm (2½")		90mm (3")		110mm (4")		160mm (6")	
	Length Socket	Product Code	Rate/ Pcs.	Product Code	Rate/ Pcs.	Product Code	Rate/ Pcs.	Product Code	Rate/ Pcs.
	3 mtr. S/S	CSPBS1075	840.00	CSPBS1090	1032.00	CSPBS10110	1285.50	CSPBS10160	2371.50
	6 mtr. S/S	CSPBS2075	1697.50	CSPBS2090	2058.00	CSPBS20110	2558.50	CSPBS20160	4680.00
	6 Ft. S/S	CSPBS675	517.00	CSPBS690	642.00	CSPBS6110	772.50	CSPBS6160	
	3 mtr. D/S	CSPBD1075	860.00	CSPBD1090	1047.00	CSPBD10110	1309.50	CSPBD10160	2433.00
	6 mtr. D/S	CSPBD2075	1723.50	CSPBD2090	2071.50	CSPBD20110	2589.00	CSPBD20160	4739.50
	6 Ft. D/S	CSPBD675	542.50	CSPBD690	657.00	CSPBD6110	806.00	CSPBD6160	
	4 Ft. D/S	CSPBD475	391.50	CSPBD490	449.50	CSPBD4110	569.00	CSPBD4160	
	3 Ft. D/S	CSPBD375	306.50	CSPBD390	345.50	CSPBD3110	443.50	CSPBD3160	
	2 Ft. D/S	CSPBD275	221.00	CSPBD290	242.50	CSPBD2110	324.00	CSPBD2160	

Clickfit uPVC SWR Fittings (HSN Code: 3917)

Bend 87.5°	Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
	CSFB75	75 (2½")	50	83.00
	CSFB90	90 (3")	29	128.50
	CSFB110	110 (4")	32	155.00
	CSFB160	160 (6")	8	424.50

Bend 87.5° with door	Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
	CSFDB75	75 (2½")	39	102.00
	CSFDB90	90 (3")	26	163.50
	CSFDB110	110 (4")	19	191.50
	CSFDB160	160 (6")	8	447.50

Single Tee

Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
CSFST75	75 (2½")	34	117.50
CSFST90	90 (3")	24	170.50
CSFST110	110 (4")	24	211.00
CSFST160	160 (6")	6	588.00

Single Tee with door

Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
CSFDST75	75 (2½")	34	135.00
CSFDST90	90 (3")	21	220.50
CSFDST110	110 (4")	20	244.00
CSFDST160	160 (6")	6	634.00

Bend 45°

Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
CSFB4575	75 (2½")	67	70.50
CSFB4590	90 (3")	47	112.50
CSFB45110	110 (4")	24	123.50
CSFB45160	160 (6")	10	366.50

Coupler

Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
CSFC75	75 (2½")	60	67.00
CSFC90	90 (3")	48	95.50
CSFC110	110 (4")	48	114.50
CSFC160	160 (6")	16	335.50

Cleansing Pipe

Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
CSFCP75	75 (2½")	29	116.00
CSFCP110	110 (4")	16	225.00

Reducer

Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
CSFR11075	110x75 (4"x2½")	36	101.00
CSFR11090	110x90 (4"x3")	35	116.00
CSFR160110	160x110 (6"x4")	18	225.50

Single-Y

Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
CSFSY75	75 (2½")	18	147.00
CSFSY90	90 (3")	15	221.00
CSFSY110	110 (4")	12	275.50

Single-Y with door

Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
CSFDY75	75 (2½")	15	177.50
CSFDY90	90 (3")	12	264.50
CSFDY110	110 (4")	10	325.50

Clickfit uPVC SWR Fittings (HSN Code: 3917)

Reducing Tee



Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
CSFRT11075	110x75 (4"x2½")	15	216.00

Reducing Tee with door



Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
CSFDRT11075	110x75 (4"x2½")	12	259.00

Reducer-Y



CSFRY11075	110x75 (4"x2½")	16	236.00
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Reducer-Y with door



CSFDRY11075	110x75 (4"x2½")	14	274.00
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Swept Tee



CSFSPT110	110 (4")	12	272.50
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Swept-Tee with door



CSFDSPT110	110 (4")	10	307.50
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Double-Y



CSFDBY75	75 (2½")	20	208.50
CSFDBY110	110 (4")	8	372.00

Double-Y with door



CSFDDBY75	75 (2½")		249.00
CSFDDBY110	110 (4")	6	434.50

Click Ring (HSN Code : 4016)



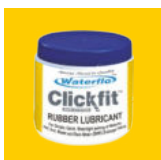
CR75	75 (2½")	25	10.00
CR90	90 (3")	25	12.00
CR110	110 (4")	25	14.00
CR160	160 (6")	15	34.00

Cross Tee



CSFCT75	75 (2½")	15	170.50
CSFCT90	90 (3")	18	226.50
CSFCT110	110 (4")	8	300.50

Rubber Lubricant (HSN Code : 3403)



SFRL50	50 gm	200	23.00
SFRL100	100 gm	100	35.00
SFRL250	250 gm	40	69.00
SFRL500	500 gm	20	108.00

uPVC SWR 2.5 kg Pipes (HSN Code : 3917)

Pipes	Size mm (inch)	Product Code	Rate/ Pcs.	Pipes	Size mm (inch)	Product Code	Rate/ Pcs.	Product Code	Rate/ Pcs.
	3 mtr. Ringfit				3 mtr. Selfit			6 mtr. Selfit	
	75mm (2½")	RSP251075	346.00		75mm (2½")	SSP251075	340.50	SSP252075	680.50
	110mm (4")	RSP2510110	679.50		110mm (4")	SSP2510110	670.50	SSP2520110	1340.50

uPVC SWR LW Fittings (HSN Code : 3917)

Bend 87.5°	Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.	Bend 87.5° with door	Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
	SFB75	75 (2½")	80	65.00		SFDB75	75 (2½")	60	77.00
	SFB110	110 (4")	30	118.00		SFDB110	110 (4")	22	135.00
Single Tee					Single Tee with door				
	SFST75	75 (2½")	54	92.00		SFDT75	75 (2½")	42	104.50
	SFST110	110 (4")	26	165.00		SFDT110	110 (4")	24	193.50
Bend 45°					Coupler				
	SFB4575	75 (2½")	84	58.00		SFC75	75 (2½")	60	53.50
	SFB45110	110 (4")	45	93.50		SFC110	110 (4")	57	85.50

uPVC SWR LW Selfit Fittings (HSN Code : 3917)

Bend 87.5°	Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.	Bend 87.5° with door	Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
	SFSB110	110 (4")	27	108.00		SFSDB110	110 (4")	24	155.00
Single Tee					Single Tee with door				
	SFSST110	110 (4")	26	160.00		SFSDT110	110 (4")	24	188.50
Bend 45°									
	SFSB4575	75 (2½")	80	55.00					
	SFSB45110	110 (4")	48	93.50					

Always Ahead In Quality



SELFIT

uPVC SWR SYSTEM
FOR SOIL WASTE &
RAIN WATER



PRODUCT DETAILS

WATERFLO Selfit is a uPVC drainage System for Soil, Waste and Rain water. It is a unique system that is joined together by solvent cements. It ensures leak-proof joints which can withstand high pressure and prevent chocking.

PRODUCT RANGE

PIPES : Available Sizes 40 mm to 200 mm in Type A & Type B

FITTINGS : Available Sizes 75mm, 90mm, 110mm & 160 mm.

STANDARDS & SPECIFICATIONS

IS : 13592 : Specification for unplasticized PVC Pipes for Soil and Waste Discharge System for inside and outside Building including Ventilation and Rain water System.

IS: 14735: Specification for unplasticized PVC Injection Moulded Fittings for Soil and Waste Discharge System for inside and outside Building including Ventilation and Rain water System.

PIPES ARE SUBJECT TO TESTS LIKE

Reversion | Stress relief test | Impact strength | Tensile strength | Axial shrinkage | Water tightness of joint | Vicat softening temperature | Effect of sunlight | Resistance to H_2SO_4 | Resistance to dichloromethane at specified temperature.

FITTING ARE SUBJECT TO TESTS LIKE

Stress relief test | Sulphated ash content | Impact test (Drop test) | Water tightness of joint | Vicat softening temperature | Resistance to H_2SO_4 | Tensile strength | Axial shrinkage | Effect of sunlight | TiO_2 content.

FEATURES

Non Corrosive | High Flow Rates - No chocking | Leak proof joints | High Chemical Resistance | UV Stabilized | Quick & Convenient to Install | Cost Effective | Elegant | Stronger, Resilient and Longer Lasting.

FIELD OF APPLICATIONS

Drain and Sewer system in :

Bungalows | Apartments | Commercial Buildings | Corporate Houses | Hotels & Resorts | Hospitals & Academic Institutes | Industries.

uPVC SWR Selfit Pipe (Type A) (HSN Code : 3917)

Pipes



Size mm (inch)	Product Code	Rate/ Pcs.	Product Code	Rate/ Pcs.
3 mtr. S/S			6 mtr. S/S	
40mm (1½")	SSPA1040	210.00	SSPA2040	419.50
50mm (1½")	SSPA1050	316.50	SSPA2050	632.50
63mm (2")	SSPA1063	401.00	SSPA2063	801.00
75mm (2½")	SSPA1075	475.00	SSPA2075	950.50
90mm (3")	SSPA1090	634.50	SSPA2090	1269.50
110mm (4")	SSPA10110	834.00	SSPA20110	1668.50
140mm (5")	SSPA10140	1489.50	SSPA20140	2979.00
160mm (6")	SSPA10160	1897.00	SSPA20160	3794.00
200mm (8")*	SSPA10200	2857.00	SSPA20200	5714.50

* without IS mark

uPVC SWR Selfit Fittings (HSN Code : 3917)

Bend 87.5°



Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
SSFB75	75 (2½")	60	78.00
SSFB90	90 (3")	29	118.00
SSFB110	110 (4")	27	137.00
SSFB160	160 (6")	8	354.00

Single Tee



SSFST75	75 (2½")	44	105.00
SSFST90	90 (3")	24	168.50
SSFST110	110 (4")	26	173.50
SSFST160	160 (6")	6	527.00

Bend 45°



SSFB4575	75 (2½")	55	58.00
SSFB4590	90 (3")	50	92.00
SSFB45110	110 (4")	32	112.50
SSFB45160	160 (6")	10	310.50

Coupler



SSFC75	75 (2½")	60	51.50
SSFC90	90 (3")	48	79.50
SSFC110	110 (4")	38	101.00
SSFC160	160 (6")	16	256.00

Single-Y



SSFSY75	75 (2½")	20	127.50
SSFSY90	90 (3")	15	181.00
SSFSY110	110 (4")	12	242.50

Reducer-Y



SSFRY11063	110x63 (4"x2")	20	212.50
SSFRY11075	110x75 (4"x2½")	16	232.50

Double-Y



SSFDBY75	75 (2½")	20	188.50
SSFDBY110	110 (4")	8	353.50

Swept Tee



SSFST110	110 (4")	12	246.50
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Reducing Tee



SSFRT11075	110x75 (4"x2½")	28	182.50
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uPVC SWR Selfit Pipe (Type B) (HSN Code : 3917)

Pipes



Size mm (inch)	Product Code	Rate/ Pcs.	Product Code	Rate/ Pcs.
3 mtr. S/S			6 mtr. S/S	
75mm (2½")	SSPB1075	833.00	SSPB2075	1666.00
90mm (3")	SSPB1090	1012.50	SSPB2090	2025.00
110mm (4")	SSPB10110	1243.50	SSPB20110	2487.00
160mm (6")	SSPB10160	2332.50	SSPB20160	4665.00

uPVC SWR Selfit Fittings (HSN Code : 3917)

Bend 87.5° with door



Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
SSFDB75	75 (2½")	50	98.00
SSFDB90	90 (3")	26	149.00
SSFDB110	110 (4")	24	165.00
SSFDB160	160 (6")	8	404.50

Single Tee with door



SSFDT75	75 (2½")	40	128.50
SSFDT90	90 (3")	21	206.00
SSFDT110	110 (4")	24	231.00
SSFDT160	160 (6")	6	548.50

Reducer



SSFR11075	110x75 (4"x2½")	36	95.50
SSFR11090	110x90 (4"x3")	36	103.00
SSFR160110	160x110 (6"x4")	18	205.00

Cross Tee



SSFCT75	75 (2½")	15	135.50
SSFCT90	90 (3")	18	205.50
SSFCT110	110 (4")	9	262.50

Single-Y with door



SSFDY75	75 (2½")	19	167.00
SSFDY90	90 (3")	12	244.00
SSFDY110	110 (4")	12	314.00

Reducer-Y with door



SSFDY11075	110x75 (4"x2½")	14	269.00
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Double-Y with door



SSFDDBY75	75 (2½")		212.50
SSFDDBY110	110 (4")	6	394.50

Swept Tee with door



SSFDSPT110	110 (4")	10	280.50
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Reducing Tee with door



SSFDR11075	110x75 (4"x2½")	24	221.00
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Cleansing Pipe



SSFCP75	75 (2½")	30	105.50
SSFCP110	110 (4")	16	195.00

Common uPVC SWR Fittings (HSN Code : 3917)

Nahani Trap ISI



Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
NT11075	110x75 (4"x2½")	40	129.50
NT11090	110x90 (4"x3")	40	147.00
NT110110	110x110 (4"x4")	32	162.00

Nahani Trap LW



NTL11063	110x63 (4"x2")	40	108.00
NTL11075	110x75 (4"x2½")	40	114.50
NTL11090	110x90 (4"x3")	40	127.00
NTL110110	110x110 (4"x4")	30	138.50

Nahani Trap ISI (One Piece)



NTOP11075	110x75 (4"x2½")	40	132.50
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Multi Floor Trap



MFT110	110 (4") 4" Ht.	30	162.00
MFT7110	110 (4") 7" Ht. Cap Type	18	303.00
MFTC110	110 (4") Cap Type	30	171.00

Multi Floor Trap with Square Jali



MFTSJ110	110 (4")	26	238.50
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Gully Trap with Square Jali



GT110	110 (4")	8	534.00
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Height Riser



HR1105040	110x50x40 (4"x1½"x1¼")	26	202.00
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Multi Extension



ME110	110 (4")	26	157.00
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WC Connector Bend



WCB110	110 (4")	26	236.00
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Reducer Bush



RB11075	110x75 (4"x2½")	70	55.00
RB11090	110x90 (4"x3")	70	52.00

P-Trap



Product Code	Size mm (inch)	Std. Pkg.	Rate/ Pcs.
PT110110	110x110 (4"x4")	10	328.00
PT110110 (LW)	110x110 (4"x4")	15	288.00
PT125110	125x110 (5"x4")	10	350.50
PT125110 (LW)	125x110 (5"x4")	15	296.00

Q-Trap



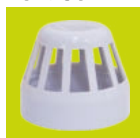
QT110110	110x110 (4"x4")	10	391.50
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S-Trap



ST110110	110x110 (4"x4")	9	446.00
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Vent Cowl



VC50	50 (1½")	400	15.00
VC63	63 (2")	275	21.50
VC75	75 (2½")	280	25.50
VC90	90 (3")	190	33.50
VC110	110 (4")	108	45.00
VC160	160(6")	42	78.50

Door Cap



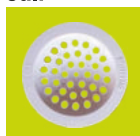
DC63	63 (2")		18.50
DC75	75 (2½")		27.00
DC90	90 (3")		35.50
DC110	110 (4")		43.00

Socket Plug



SP75	75 (2½")	120	38.50
SP110	110 (4")	60	67.00

Jali



J110	110 (4")	160	21.50
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Square Jali



SJ160	160 (6")		72.00
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Pipe Clip



PC75	75 (2½")	360	15.50
PC110	110 (4")	200	22.00

Lip Ring (P-Trap) (HSN Code: 4016)



LR125110	125x110 (4½"x4")		115.00
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Always Ahead In Quality



UGD

**uPVC DRAINAGE PIPES
FOR UNDERGROUND
DRAINAGE &
SEWERAGE SYSTEM**



PRODUCT DETAILS

WATERFLO UGD offers wide range of uPVC Pipes used for Underground Drainage and Sewerage Systems. WATERFLO UGD uPVC Solid Wall Pipes are manufactured as per IS 15328 standard covering complete range from 63 mm to 315 mm with different stiffness classes.

PRODUCT RANGE

SN 2 : Available Sizes 160 to 315 mm (250 mm & 315 mm not covered in ISI)

SN 4 : Available Sizes 110 to to 315 mm (110 mm, 250 mm & 315 mm not covered in ISI)

SN 8 : Available Sizes 63 mm to 315 mm (250 mm & 315 mm not covered in ISI)

STANDARDS & SPECIFICATIONS

IS: 15328 Specification for unplasticized Non-Pressure PVC Pipes for use in Underground Drainage and Sewerage Systems.

MARKING & UNIFORMITY

Pipes shall be clearly marked with the Manufacturers Trademark, Outside Diameter, Stiffness Class, applicable IS Standard and Batch or Lot Number.

Class of Pipe	Marking Colour
SN 2	Blue
SN 4	Green
SN 8	Brown

FEATURES

Strong and Light weight | Fire resistant | Leak free joints | Easy to Install | Cost Effective | Excellent Stiffness & Impact resistance | High flow rates - No Chocking | High Chemical Resistance.

FIELD OF APPLICATIONS

Underground Drainage and Sewerage system in:

Bungalows | Multi Floors Buildings | Hotels & Resorts | Shopping malls | Corporate Houses | Hospitals | Academic Institutes.

UGD Pipes (HSN Code : 3917)

Pipes



Product Code	Size (inch)	Size (mm)	Rate (mtr.)
SN 2 PLAIN SOCKET (3 mtr) ISI			
UGDSN210160	6"	160	2032.00
UGDSN210200	8"	200	3093.00

Pipes



SN 2 PLAIN SOCKET (3 mtr)			
UGDSN210250	10"	250	4845.00

Pipes



SN 4 PLAIN SOCKET (3 mtr) ISI			
UGDSN410125	4½"	125	1578.00
UGDSN410160	6"	160	2523.00
UGDSN410200	8"	200	3857.00

Pipes



SN 4 PLAIN SOCKET (3 mtr)			
UGDSN410110	4"	110	1098.00
UGDSN410250	10"	250	6076.00
UGDSN410315	12"	315	9511.00

Pipes



SN 8 PLAIN SOCKET (3 mtr) ISI			
UGDSN81063	2"	63	659.00
UGDSN81075	2½"	75	823.00
UGDSN81090	3"	90	1026.00
UGDSN810110	4"	110	1383.00
UGDSN810125	4½"	125	1830.00
UGDSN810160	6"	160	2950.00
UGDSN810200	8"	200	4611.00

Pipes



Product Code	Size (inch)	Size (mm)	Rate (mtr.)
SN 2 PLAIN SOCKET (6 mtr) ISI			
UGDSN220160	6"	160	4023.00
UGDSN220200	8"	200	6126.00

Pipes



SN 2 PLAIN SOCKET (6 mtr)			
UGDSN220250	10"	250	9592.00

Pipes



SN 4 PLAIN SOCKET (6 mtr) ISI			
UGDSN420125	4½"	125	3124.00
UGDSN420160	6"	160	4995.00
UGDSN420200	8"	200	7636.00

Pipes



SN 4 PLAIN SOCKET (6 mtr)			
UGDSN420110	4"	110	2172.00
UGDSN420250	10"	250	12030.00
UGDSN420315	12"	315	18831.00

Pipes



SN 8 PLAIN SOCKET (6 mtr) ISI			
UGDSN82063	2"	63	1303.00
UGDSN82075	2½"	75	1630.00
UGDSN82090	3"	90	2032.00
UGDSN820110	4"	110	2738.00
UGDSN820125	4½"	125	3624.00
UGDSN820160	6"	160	5841.00
UGDSN820200	8"	200	9129.00

Always Ahead In Quality



AgriMASTER

**uPVC PIPES & FITTINGS
FOR AGRICULTURE &
WATER DISTRIBUTION
SYSTEM**



PRODUCT DETAILS

WATERFLO AGRIMASTER offers wide range of uPVC Pressure Pipes and Fittings used for Agriculture and Water Distribution System. WATERFLO Agrimaster uPVC Pressure Pipes are manufactured as per IS 4985 standard covering complete range from 20mm to 315mm with various pressure ratings as defined in the standard.

WATERFLO Agrimaster Fittings are manufactured as per IS 7834 as well as company's standards covering complete range from 20mm to 250mm with various pressure ratings.

PRODUCT RANGE

Class 1 (2.5 kg/cm²) from 90mm to 315 mm

Class 3 (6 kg/cm²) from 40mm to 315 mm

Class 5 (10 kg/cm²) from 20mm to 315 mm

Plumbing (16 kg/cm²) from 20mm to 50 mm

Class 2 (4 kg/cm²) from 63mm to 315 mm

Class 4 (8 kg/cm²) from 25mm to 315 mm

Class 6 (12.5 kg/cm²) from 20mm to 315 mm

STANDARDS & SPECIFICATIONS

IS: 7834 Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies.

IS: 4985 Specification for unplasticized PVC Pipes for Potable Water Supplies.

MARKING & UNIFORMITY

Pipes and Fittings made from uPVC Compound and are clearly marked with the Manufacturers trademark, Size, Class & Pressure rating and applicable IS standard.

Class of Pipe	Marking Colour	Class of Pipe	Marking Colour
Class 1	Red	Class 5	Yellow
Class 2	Blue	Class 6	Black
Class 3	Green	Plumbing	Pink
Class 4	Brown		

TESTS ON PIPES & FITTINGS

Dimension & Visual Appearance Test | Stress Relief Test | Reversion Test | Density Test | Opacity Test | Drop Impact Test | Hydrostatic Pressure Test | Sulphated Ash Content Test | Vicat Softening Temperature Test | Effect on Water Test.

FEATURES

Long Life | Non Corrosive | Continuous Flow | Cost Effective | Lightweight | Less Electricity Cost | Easy to Install, Repair & Replace | Hygienic Water Supply | Non Conductor to Heat-electric | High Strength To Weight Ratio | Non Toxic.

FIELD OF APPLICATIONS

Rural & Urban Water Distribution System | Tubewell Connections | Agricultural & Irrigation Schemes | Industrial Process Line | Protective Covering for Power & Communication Cables.

Agrimaster ISI uPVC Pipes (HSN Code : 3917)

Pipes



Product Code	Size (inch)	Size (mm)	Rate (mtr.)
ISI Pipe 2.5 kg/cm²			
AP2590	3"	90	144.50
AP25110	4"	110	213.50
AP25125	4½"	125	270.50
AP25140	5"	140	336.00
AP25160	6"	160	444.50
AP25180	7"	180	560.50
AP25200	8"	200	690.00
AP25225	9"	225	905.50
AP25250	10"	250	1092.50
AP25280	11"	280	1396.50
AP25315	12"	315	1754.50

Pipes



ISI Pipe 4 kg/cm²			
AP463	2"	63	114.50
AP475	2½"	75	159.50
AP490	3"	90	224.50
AP4110	4"	110	324.00
AP4125	4½"	125	426.00
AP4140	5"	140	528.00
AP4160	6"	160	693.50
AP4180	7"	180	885.50
AP4200	8"	200	1074.50
AP4225	9"	225	1405.50
AP4250	10"	250	1706.00
AP4280	11"	280	2152.00
AP4315	12"	315	2721.50

Pipes



ISI Pipe 6 kg/cm²			
AP640	1½"	40	67.00
AP650	1½"	50	99.50
AP663	2"	63	163.50
AP675	2½"	75	227.50
AP690	3"	90	325.00
AP6110	4"	110	471.00
AP6125	4½"	125	621.50
AP6140	5"	140	775.00
AP6160	6"	160	996.50
AP6180	7"	180	1271.50
AP6200	8"	200	1572.00
AP6225	9"	225	2031.50
AP6250	10"	250	2520.00
AP6280	11"	280	3157.50
AP6315	12"	315	3999.00

Pipes



ISI Plumbing Pipes			
AP1520	½"	20	58.50
AP1525	¾"	25	78.50
AP1532	1"	32	117.00
AP1540	1¼"	40	155.50
AP1550	1½"	50	199.50

Pipes



Product Code	Size (inch)	Size (mm)	Rate (mtr.)
ISI Pipe 8 kg/cm²			
AP825	¾"	25	37.00
AP832	1"	32	57.00
AP840	1¼"	40	84.50
AP850	1½"	50	133.50
AP863	2"	63	203.50
AP875	2½"	75	292.50
AP890	3"	90	411.00
AP8110	4"	110	614.50
AP8125	4½"	125	796.00
AP8140	5"	140	1007.50
AP8160	6"	160	1313.00
AP8180	7"	180	1641.00
AP8200	8"	200	2033.00
AP8225	9"	225	2636.50
AP8250	10"	250	3280.00
AP8280	11"	280	4102.00
AP8315	12"	315	5167.50

Pipes



ISI Pipe 10 kg/cm²			
AP1020	½"	20	28.50
AP1025	¾"	25	40.00
AP1032	1"	32	67.00
AP1040	1¼"	40	100.00
AP1050	1½"	50	159.50
AP1063	2"	63	250.50
AP1075	2½"	75	356.00
AP1090	3"	90	505.50
AP10110	4"	110	758.50
AP10125	4½"	125	974.00
AP10140	5"	140	1217.00
AP10160	6"	160	1590.00
AP10180	7"	180	2009.00
AP10200	8"	200	2481.00
AP10225	9"	225	3233.50
AP10250	10"	250	3996.50
AP10280	11"	280	5001.00
AP10315	12"	315	6313.50

AgriMaster uPVC Fittings (HSN Code : 3917)

Elbow



Product Code	Size (inch)	Size (mm)	Inner Bag	Qty./ Pkg.	Rate (Pcs)
Elbow 10 kg/cm²					
AFE1020	½"	20	100	1200	6.50
AFE1025	¾"	25	75	600	10.00
AFE1032	1"	32	50	400	14.50
AFE1063	2"	63		65	73.00
AFE1075	2½"	75		40	111.00
AFE1090	3"	90		25	188.50
AFE10110	4"	110		15	312.00



Elbow 6 kg/cm²					
AFE640	1¼"	40	30	240	22.00
AFE650	1½"	50		150	31.50
AFE663	2"	63		65	53.50
AFE675	2½"	75		50	76.00
AFE690	3"	90		25	127.00
AFE6110	4"	110		15	196.50
AFE6140	5"	140		16	369.00
AFE6160	6"	160		8	565.00
AFE6180	7"	180		4	854.00
AFE6200	8"	200		4	1005.00
AFE6250	10"	250		2	2595.50



Elbow 4 kg/cm²					
AFE463	2"	63		128	35.00
AFE475	2½"	75		72	45.00
AFE490	3"	90		60	70.50
AFE4110	4"	110		36	102.50
AFE4140	5"	140		16	295.50
AFE4160	6"	160		8	340.00
AFE4200	8"	200		4	821.50



Elbow LW					
AFELW40	1¼"	40		280	13.50
AFELW50	1½"	50		160	22.00
AFELW75	2½"	75		72	41.00
AFELW90	3"	90		60	60.00
AFELW110	4"	110		36	92.50
AFELW160	6"	160		8	308.50



Elbow EQUAL					
AFEE463	2"	63		105	43.50
AFEE475	2½"	75		60	62.00
AFEE490	3"	90		60	88.50
AFEE4110	4"	110		36	121.00



Elbow BLISS					
AFEB63	2"	63		168	28.00
AFEB75	2½"	75		144	35.50
AFEB90	3"	90		75	50.00
AFEB110	4"	110		48	83.50
AFEB140	5"	140		18	239.50
AFEB160	6"	160		12	266.50

MTA



MTA 10 kg/cm²					
AFM1020	½"	20	200	2000	4.00
AFM1025	¾"	25	100	1200	5.50
AFM1032	1"	32	100	800	9.00



MTA 6 kg/cm²					
AFM640	1¼"	40	50	400	14.50
AFM650	1½"	50		250	22.50
AFM663	2"	63		150	32.00
AFM675	2½"	75		80	48.50
AFM690	3"	90		50	73.00
AFM6110	4"	110		30	113.50
AFM6140	5"	140		21	203.00
AFM6160	6"	160		12	288.50
AFM6180	7"	180		10	442.50
AFM6200	8"	200		8	559.50

Tee



Tee 10 kg/cm²					
AFT1020	½"	20	100	800	9.00
AFT1025	¾"	25	50	500	12.50
AFT1032	1"	32	30	270	19.00
AFT1063	2"	63		40	97.00
AFT1075	2½"	75		30	135.50
AFT1090	3"	90		15	221.00
AFT10110	4"	110		10	394.00



Tee 6 kg/cm²					
AFT640	1¼"	40	20	160	27.50
AFT650	1½"	50		80	42.00
AFT663	2"	63		40	69.00
AFT675	2½"	75		30	102.00
AFT690	3"	90		15	157.00
AFT6110	4"	110		10	258.00
AFTN6110	4"	110	New	10	232.50
AFT6140	5"	140		12	548.00
AFT6160	6"	160		8	814.50
AFT6180	7"	180		2	1142.00
AFT6200	8"	200		2	1359.50
AFT6250	10"	250		2	2947.00



Tee 4 kg/cm²					
AFT463	2"	63		108	48.50
AFT475	2½"	75		75	62.50
AFT490	3"	90		40	93.50
AFT4110	4"	110		24	138.50
AFT4140	5"	140		12	406.50
AFT4160	6"	160		8	517.50
AFT4200	8"	200		2	1139.00



Tee LW					
AFTLW75	2½"	75		75	56.50
AFTLW90	3"	90		40	80.00
AFTLW110	4"	110		24	126.00
AFTLW160	6"	160		8	466.50



Tee EQUAL					
AFTE463	2"	63		84	56.50
AFTE475	2½"	75		75	79.50
AFTE490	3"	90		40	116.50
AFTE4110	4"	110		24	161.50



Tee BLISS					
AFTB63	2"	63		126	37.50
AFTB75	2½"	75		90	49.50
AFTB90	3"	90		48	71.00
AFTB110	4"	110		32	112.00
AFTB140	5"	140		12	302.50
AFTB160	6"	160		12	356.00

FTA



FTA 10 kg/cm²					
AFF1020	½"	20	200	1600	5.00
AFF1025	¾"	25	100	1000	7.00
AFF1032	1"	32	75	600	9.50



FTA 6 kg/cm²					
AFF640	1¼"	40	40	320	17.50
AFF650	1½"	50		200	25.00
AFF663	2"	63		120	37.50
AFF675	2½"	75		70	59.50
AFF690	3"	90		40	83.50
AFF6110	4"	110		20	147.50
AFF6140	5"	140		15	208.50
AFF6160	6"	160		12	280.50
AFF6180	7"	180		8	409.00
AFF6200	8"	200		6	524.50

AgriMASTER uPVC Fittings (HSN Code : 3917)

Coupler



Product Code	Size (inch)	Size (mm)	Inner Bag	Qty./ Pkg.	Rate (Pcs)
Coupler 10 kg/cm²					
AFC1020	½"	20	200	1600	5.00
AFC1025	¾"	25	100	1100	7.00
AFC1032	1"	32	75	600	9.50
Coupler 6 kg/cm²					
AFC640	1¼"	40	50	350	14.00
AFC650	1½"	50		200	19.50
AFC663	2"	63		140	31.50
AFC675	2½"	75		100	43.50
AFC690	3"	90		90	60.00
AFC6110	4"	110		60	106.50
AFC6140	5"	140		27	198.00
AFC6160	6"	160		18	262.00
AFC6180	7"	180		12	409.00
AFC6200	8"	200		8	526.50
AFC6250	10"	250		4	1058.50
Coupler 4 kg/cm²					
AFC463	2"	63		100	24.00
AFC475	2½"	75		80	32.00
AFC490	3"	90		45	44.50
AFC4110	4"	110		60	79.50
AFC4140	5"	140		27	173.50
AFC4160	6"	160		18	232.00

Door Elbow



Door Elbow					
AFDE50	1½"	50		70	33.00
AFDE63	2"	63		128	43.00
AFDE75	2½"	75		60	63.00
AFDE90	3"	90		54	85.00
AFDE110	4"	110		24	122.00
Door Elbow 6 kg/cm²					
AFDE650	1½"	50		60	52.00

Reducer FTA



Reducer FTA					
AFRF102520	¾" x ½"	25x20	100	1200	7.50
AFRF103220	1" x ½"	32x20	100	800	9.00
AFRF103225	1" x ¾"	32x25	100	700	9.50
AFRF104020	1¼" x ½"	40x20	50	500	16.00
AFRF104025	1¼" x ¾"	40x25	50	500	17.00
AFRF104032	1¼" x 1"	40x32	50	400	18.00
AFRF7563	2½" x 2"	75x63		70	106.00
AFRF9063	3" x 2"	90x63		40	135.50
AFRF9075	3" x 2½"	90x75		40	161.50
AFRF11063	4" x 2"	110x63		30	220.50
AFRF11075	4" x 2½"	110x75		30	238.50
AFRF11090	4" x 3"	110x90		30	280.00
AFRF14063	5" x 2"	140x63		18	358.00
AFRF14075	5" x 2½"	140x75		18	370.50
AFRF14090	5" x 3"	140x90		18	382.50
AFRF140110	5" x 4"	140x110		18	410.00
AFRF16075	6" x 2½"	160x75		12	496.50
AFRF16090	6" x 3"	160x90		12	521.00
AFRF160110	6" x 4"	160x110		12	531.50
AFRF20090	8" x 3"	200x90		8	771.00
AFRF200110	8" x 4"	200x110		8	788.00

Tail Piece



Tail Piece 6 kg/cm²					
AFTP663	2"	63		150	32.00
AFTP675	2½"	75		100	39.50
AFTP690	3"	90		70	61.00
AFTP6110	4"	110		35	89.50
AFTP6140	5"	140		24	166.00
AFTP6160	6"	160		16	223.50
AFTP6200	8"	200		10	374.50

End Cap Plain



End Cap Plain 10 kg/cm²					
AFEC1020	½"	20	200	2000	4.00
AFEC1025	¾"	25	200	1600	4.50
AFEC1032	1"	32	100	1000	7.00
End Cap Plain 6 kg/cm²					
AFEC640	1¼"	40	75	600	12.00
AFEC650	1½"	50		300	16.50
AFEC663	2"	63		200	25.00
AFEC675	2½"	75		120	33.00
AFEC690	3"	90		70	54.00
AFEC6110	4"	110		50	80.00
AFEC6140	5"	140		20	173.50
AFEC6160	6"	160		16	252.00
AFEC6180	7"	180		10	343.50
AFEC6200	8"	200		9	425.50
AFEC6250	10"	250		6	662.50
End Cap Plain 4 kg/cm²					
AFEC490	3"	90		180	40.00
AFEC4110	4"	110		100	58.50
AFEC4140	5"	140		48	104.50
AFEC4160	6"	160		36	157.00
AFEC4180	7"	180		18	226.00
AFEC4200	8"	200		12	312.00
AFEC4225	9"	225		8	416.50

Door Tee



Door Tee					
AFDT50	1½"	50		54	43.00
AFDT63	2"	63		96	53.50
AFDT75	2½"	75		60	81.00
AFDT90	3"	90		36	106.50
AFDT110	4"	110		20	158.00
Door Tee 6 kg/cm²					
AFDT650	1½"	50			66.50

End Cap Threaded



End Cap Threaded 10 kg/cm²					
AFECT1020	½"	20	200	2000	4.50
AFECT1025	¾"	25	200	1600	6.00
AFECT1032	1"	32	100	1000	10.00
End Cap Threaded 6 kg/cm²					
AFECT640	1¼"	40	75	600	17.00
AFECT650	1½"	50		300	22.50
AFECT663	2"	63		200	27.50
AFECT675	2½"	75		120	37.50
AFECT690	3"	90		70	59.50
AFECT6110	4"	110		50	88.50
AFECT6140	5"	140		35	154.50
AFECT6160	6"	160		25	200.50
AFECT6200	8"	200		15	373.50

Elbow 45°



Elbow 45° 10 kg/cm²					
AFE451020	½"	20	100	1200	9.50
AFE451025	¾"	25	75	600	12.50
AFE451032	1"	32	50	400	13.50
Elbow 45° 6 kg/cm²					
AFE45640	1¼"	40	30	240	18.00
AFE45650	1½"	50		150	28.50
AFE45663	2"	63		100	48.00
AFE45675	2½"	75			Coming Soon
AFE45690	3"	90			Coming Soon
AFE456110	4"	110			Coming Soon
AFE456140	5"	140		15	352.50
AFE456160	6"	160			Coming Soon
AFE456200	8"	200		4	821.50

AgriMaster uPVC Fittings (HSN Code : 3917)

Reducer Bush



Product Code	Size (inch)	Size (mm)	Inner Bag	Qty./ Pkg.	Rate (Pcs)
Reducer Bush 10 kg/cm²					
AFRB102520	¾" x ½"	25x20	200	2400	3.50
AFRB103220	1" x ½"	32x20	150	1200	7.50
AFRB103225	1" x ¾"	32x25	150	1200	6.00
Reducer Bush 6 kg/cm²					
AFRB64032	1¼" x 1"	40x32	100	800	9.50
AFRB65032	1½" x 1"	50x32		400	18.50
AFRB65040	1½" x 1¼"	50x40		400	16.00
AFRB66320	2" x ½"	63x20		200	28.00
AFRB66325	2" x ¾"	63x25		200	28.00
AFRB66332	2" x 1"	63x32		200	32.00
AFRB66340	2" x 1¼"	63x40		200	29.50
AFRB66350	2" x 1½"	63x50		200	28.00
AFRB67520	2½" x ½"	75x20		140	40.00
AFRB67525	2½" x ¾"	75x25		140	37.50
AFRB67532	2½" x 1"	75x32		140	37.50
AFRB67540	2½" x 1¼"	75x40		140	39.50
AFRB67550	2½" x 1½"	75x50		140	43.50
AFRB67563	2½" x 2"	75x63		140	40.00
AFRB69020	3" x ½"	90x20		80	71.00
AFRB69025	3" x ¾"	90x25		80	69.00
AFRB69032	3" x 1"	90x32		80	69.00
AFRB69040	3" x 1¼"	90x40		80	70.00
AFRB69050	3" x 1½"	90x50		80	70.00
AFRB69063	3" x 2"	90x63		80	63.50
AFRB69075	3" x 2½"	90x75		80	64.50
AFRB611050	4" x 1½"	110x50		50	97.50
AFRB611063	4" x 2"	110x63		50	92.50
AFRB611075	4" x 2½"	110x75		50	99.50
AFRB611090	4" x 3"	110x90		50	102.00
AFRB614075	5" x 2½"	140x75		24	171.50
AFRB614090	5" x 3"	140x90		24	169.00
AFRB6140110	5" x 4"	140x110		24	162.00
AFRB616075	6" x 2½"	160x75		21	230.50
AFRB616090	6" x 3"	160x90		21	238.50
AFRB6160110	6" x 4"	160x110		21	252.50
AFRB6160140	6" x 5"	160x140		21	245.50

Reducer Tee



Reducer Tee					
AFRT102520	¾" x ½"	25x20	50	500	17.00
AFRT103220	1" x ½"	32x20	30	300	18.50
AFRT103225	1" x ¾"	32x25	30	300	19.50
AFRT64020	1¼" x ½"	40x20	20	160	26.00
AFRT64025	1¼" x ¾"	40x25	20	160	27.00
AFRT64032	1¼" x 1"	40x32	20	160	29.50
AFRT65020	1½" x ½"	50x20		100	41.00
AFRT65025	1½" x ¾"	50x25		100	41.50
AFRT65032	1½" x 1"	50x32		100	42.00
AFRT65040	1½" x 1¼"	50x40		100	44.00
AFRT66320	2" x ½"	63x20		60	57.00
AFRT66325	2" x ¾"	63x25		60	57.50
AFRT66332	2" x 1"	63x32		60	58.50
AFRT66340	2" x 1¼"	63x40		60	61.00
AFRT66350	2" x 1½"	63x50		60	62.00
AFRT67520	2½" x ½"	75x20		30	84.00
AFRT67525	2½" x ¾"	75x25		30	84.50
AFRT67532	2½" x 1"	75x32		30	85.50
AFRT67550	2½" x 1½"	75x50		30	99.00
AFRT67563	2½" x 2"	75x63		30	108.50
AFRT69020	3" x ½"	90x20		25	106.50
AFRT69025	3" x ¾"	90x25		25	107.50
AFRT69032	3" x 1"	90x32		25	108.00
AFRT69063	3" x 2"	90x63		20	130.50
AFRT69075	3" x 2½"	90x75		20	136.00

Reducer Tee



Reducer



Reducer Tee					
AFRT611063	4" x 2"	110x63		12	205.00
AFRT611075	4" x 2½"	110x75		12	212.00
AFRT611090	4" x 3"	110x90		12	215.00
AFRT414075	5" x 2½"	140x75		12	390.50
AFRT414090	5" x 3"	140x90		12	394.00
AFRT4140110	5" x 4"	140x110		12	399.50
AFRT416075	6" x 2½"	160x75		8	527.00
AFRT416090	6" x 3"	160x90		8	534.50
AFRT4160110	6" x 4"	160x110		8	534.50
AFRT4160140	6" x 5"	160x140		8	577.50
AFRT6200110	8" x 4"	200x110		2	1340.50
AFRT6200140	8" x 5"	200x140		2	1412.50
AFRT6200160	8" x 6"	200x160		2	1440.50
AFRT6250110	10" x 4"	250x110		2	2593.50
AFRT6250160	10" x 6"	250x160		2	2737.50
AFRT6250200	10" x 8"	250x200		2	2853.00

Reducer 10 kg/cm²					
AFR102520	¾" x ½"	25x20	100	1200	6.00
AFR103220	1" x ½"	32x20	100	800	9.00
AFR103225	1" x ¾"	32x25	100	800	9.50

Reducer 6 kg/cm²					
AFR64020	1¼" x ½"	40x20	50	400	14.00
AFR64025	1¼" x ¾"	40x25	50	400	13.50
AFR64032	1¼" x 1"	40x32	50	400	13.50
AFR65020	1½" x ½"	50x20		300	18.00
AFR65025	1½" x ¾"	50x25		300	18.50
AFR65032	1½" x 1"	50x32		300	18.50
AFR65040	1½" x 1¼"	50x40		200	19.50
AFR66332	2" x 1"	63x32		150	28.50
AFR66340	2" x 1¼"	63x40		150	30.00
AFR66350	2" x 1½"	63x50		150	32.00
AFR67532	2½" x 1"	75x32		100	42.00
AFR67540	2½" x 1¼"	75x40		100	40.00
AFR67550	2½" x 1½"	75x50		100	37.00
AFR67563	2½" x 2"	75x63		100	41.50
AFR69050	3" x 1½"	90x50		70	53.00
AFR69063	3" x 2"	90x63		50	58.50
AFR69075	3" x 2½"	90x75		50	58.00
AFR611050	4" x 1½"	110x50		40	89.00
AFR611063	4" x 2"	110x63		40	90.50
AFR611075	4" x 2½"	110x75		40	92.50
AFR611090	4" x 3"	110x90		40	97.50
AFR614075	5" x 2½"	140x75		21	170.00
AFR614090	5" x 3"	140x90		21	167.50
AFR6140110	5" x 4"	140x110		21	175.50
AFR616075	6" x 2½"	160x75		12	221.50
AFR616090	6" x 3"	160x90		12	223.50
AFR6160110	6" x 4"	160x110		12	228.00
AFR6160140	6" x 5"	160x140		12	252.50
AFR6180110	7" x 4"	180x110		10	441.00
AFR6180140	7" x 5"	180x140		10	454.00
AFR6180160	7" x 6"	180x160		10	458.00
AFR6200110	8" x 4"	200x110		8	444.00
AFR6200140	8" x 5"	200x140		8	446.50
AFR6200160	8" x 6"	200x160		8	478.50
AFR6200180	8" x 7"	200x180		8	513.00
AFR6250110	10" x 4"	250x110		4	980.50
AFR6250140	10" x 5"	250x140		4	1081.50
AFR6250160	10" x 6"	250x160		4	1009.50
AFR6250180	10" x 7"	250x180		4	1045.00
AFR6250200	10" x 8"	250x200		4	1297.50

AgriMaster uPVC Fittings (HSN Code : 3917)

Reducer Elbow



Product Code	Size (inch)	Size (mm)	Inner Bag	Qty./ Pkg.	Rate (Pcs)
Reducer Elbow 10 kg/cm²					
AFRE102520	¾" x ½"	25x20	75	600	12.00
AFRE103220	1" x ½"	32x20	50	400	16.50
AFRE103225	1" x ¾"	32x25	50	400	17.50
Reducer Elbow 6 kg/cm²					
AFRE611063	4" x 2"	110x63		25	149.50
AFRE611075	4" x 2½"	110x75		20	153.00
AFRE611090	4" x 3"	110x90		20	158.50

Reducer MTA



Reducer MTA 6 kg/cm²					
AFRM63225	1" x ¾"	32x25	100	1000	8.50
AFRM67550	2½" x 1½"	75x50		100	52.00
AFRM67563	2½" x 2"	75x63		100	53.00
AFRM69063	3" x 2"	90x63		60	77.50
AFRM69075	3" x 2½"	90x75		60	80.50

Four Way Tee



Four Way Tee 6 kg/cm²					
AFFWT4020	1¼" x ½"	40x20	15	120	31.50
AFFWT4025	1¼" x ¾"	40x25	15	120	34.00
AFFWT4032	1¼" x 1"	40x32	15	120	37.00
AFFWT4040	1¼" x 1¼"	40x40	15	120	42.00
AFFWT5020	1½" x ½"	50x20			Coming Soon
AFFWT5025	1½" x ¾"	50x25			Coming Soon
AFFWT5032	1½" x 1"	50x32			Coming Soon
AFFWT5040	1½" x 1¼"	50x40			Coming Soon
AFFWT6320	2" x ½"	63x20		60	67.00
AFFWT6325	2" x ¾"	63x25		60	68.00
AFFWT6332	2" x 1"	63x32		60	69.00
AFFWT6340	2" x 1¼"	63x40		60	72.00
AFFWT6350	2" x 1½"	63x50		60	75.50

Union



Union 10 kg/cm²					
AFU1025	¾"	25	20	160	30.00
AFU1032	1"	32	20	100	41.00
AFU1040	1¼"	40	20	100	55.50
AFU1050	1½"	50	10	40	91.00
AFU1063	2"	63	8	24	168.00

Long Plug



Long Plug					
AFLP20	½"	20	100	800	6.50

Single 'Y'



Single "Y"					
AFSY640	1¼"	40	15	60	44.50
AFSY650	1½"	50		40	61.00
AFSY663	2"	63		40	92.50
AFSY6140	5"	140		6	764.00
AFSY6160	6"	160		3	1080.50
AFSY6200	8"	200		2	2449.50

Door 'Y'



Door "Y"					
AFDY50	1½"	50			77.50
AFDY63	2"	63		34	115.50

Compact Ball Valve



Compact Ball Valve					
AFCBV20	½"	20	1	210	79.00
AFCBV25	¾"	25	1	156	112.50
AFCBV32	1"	32	1	80	146.50
AFCBV40	1¼"	40	6	60	202.50
AFCBV50	1½"	50	4	40	292.50
AFCBV63	2"	63	3	30	405.00
AFCBV75	2½"	75	1		872.00

Elbow Threaded



Elbow Threaded 10 kg/cm²					
AFET1020	½"	20	100	700	8.50
Elbow Threaded 6 kg/cm²					
AFET663	2"	63		65	69.00
AFET675	2½"	75		50	102.00
AFET690	3"	90		25	158.50
AFET6110	4"	110		15	270.50
AFET6140	5"	140		6	469.50
AFET6160	6"	160		8	699.00

Red. Elbow Threaded



Red. Elbow Threaded 10 kg/cm²					
AFRET2520	¾" x ½"	25x20	50	450	13.50
AFRET3220	1" x ½"	32x20	30	240	25.00

Tee Threaded



Tee Threaded 10 kg/cm²					
AFTT1020	½"	20	100	500	12.00
Tee Threaded 6 kg/cm²					
AFTT675	2½"	75		30	123.00
AFTT690	3"	90		15	200.50

Red. Tee Threaded



Red. Tee Threaded 10 kg/cm²					
AFRTT2520	¾" x ½"	25x20	50	250	18.50
AFRTT3220	1" x ½"	32x20	25	150	31.50
AFRTT3225	1" x ¾"	32x25	25	150	32.50
Red. Tee Threaded 6 kg/cm²					
AFRTT7563	2½" x 2"	75x63		30	116.00
AFRTT9075	3" x 2½"	90x75		20	187.00

Brass Elbow



Brass Elbow PN 16					
AFBE20	½"	20	50	200	64.00
AFBE2515	¾" x ½"	25x15	40	120	71.00
AFBE3215	1" x ½"	32x15	25	100	72.00

Brass Tee



Brass Tee PN 16					
AFBT20	½"	20	50	200	65.50
AFBT2515	¾" x ½"	25x15	20	140	77.50
AFBT3215	1" x ½"	32x15	10	70	80.00

Brass FTA



Brass FTA PN 16					
AFBF20	½"	20	50	250	54.00
AFBF2515	¾" x ½"	25x15	30	180	64.00
AFBF3215	1" x ½"	32x15	25	125	66.50

Brass MTA



Brass MTA PN 16					
AFBM20	½"	20	50	300	68.50
AFBM2515	¾" x ½"	25x15			74.50

Ball Valve



Ball Valve					
AFBV20	½"	20			Coming Soon
AFBV25	¾"	25			Coming Soon
AFBV32	1"	32			Coming Soon

AgriMASTER uPVC Fittings (HSN Code : 3917)

Service Saddle



Product Code	Size (inch)	Size (mm)	Inner Bag	Qty./ Pkg.	Rate (Pcs)
Service Saddle					
AFSS4020	1½" x ½"	40x20		80	50.00
AFSS4025	1½" x ¾"	40x25		80	50.00
AFSS4032	1½" x 1"	40x32		80	50.00
AFSS5020	1½" x ½"	50x20		80	62.00
AFSS5025	1½" x ¾"	50x25		80	62.00
AFSS5032	1½" x 1"	50x32		80	62.00
AFSS6320	2" x ½"	63x20		50	93.00
AFSS6325	2" x ¾"	63x25		50	93.00
AFSS6332	2" x 1"	63x32		50	93.00
AFSS7520	2½" x ½"	75x20		50	106.50
AFSS7525	2½" x ¾"	75x25		50	106.50
AFSS7532	2½" x 1"	75x32		50	106.50
AFSS9020	3" x ½"	90x20		40	125.50
AFSS9025	3" x ¾"	90x25		40	125.50
AFSS9032	3" x 1"	90x32		40	125.50
AFSS11020	4" x ½"	110x20		40	159.50
AFSS11025	4" x ¾"	110x25		40	159.50
AFSS11032	4" x 1"	110x32		40	159.50
AFSS14020	5" x ½"	140x20		30	214.00
AFSS14025	5" x ¾"	140x25		30	214.00
AFSS14032	5" x 1"	140x32		30	214.00
AFSS16020	6" x ½"	160x20		20	237.50
AFSS16025	6" x ¾"	160x25		20	237.50
AFSS16032	6" x 1"	160x32		20	237.50
AFSS18020	7" x ½"	180x20		15	344.00
AFSS18025	7" x ¾"	180x25		15	344.00
AFSS18032	7" x 1"	180x32		15	344.00

Solvent Cement
(HSN Code:3506)



Solvent Cement					
AFSC25	25ml.	Tube	100	600	27.00
AFSC50	50ml.	Tube	50	300	42.00
AFSC100	100ml.	Tin	24	144	85.00
AFSC250	250ml.	Tin	24	96	150.00
AFSC500	500ml.	Tin	12	48	250.00
AFSC1000	1000ml.	Tin	6	24	440.00
AFSC5000	5000ml.	Can	-	6	1750.00

Elbow Threaded
(BSW Thread)



Product Code	Size (inch)	Size (mm)	Inner Bag	Qty./ Pkg.	Rate (Pcs)
Elbow Threaded 6 kg/cm²					
AFETB690	3"	90		25	164.50
AFETB6110	4"	110		15	280.50
AFETB6140	5"	140		6	526.00
AFETB6160	6"	160		8	727.50

MTA
(BSW Thread)



MTA 6 kg/cm²					
AFMB690	3"	90		50	91.00
AFMB6110	4"	110		30	143.00
AFMB6140	5"	140		21	267.00
AFMB6160	6"	160		12	337.00
AFMB6180	7"	180		10	440.00
AFMB6200	8"	200		8	550.00

FTA
(BSW Thread)



FTA 6 kg/cm²					
AFFB690	3"	90		40	88.50
AFFB6110	4"	110		20	155.50
AFFB6140	5"	140		15	241.00
AFFB6160	6"	160		12	300.00

End Cap Threaded
(BSW Thread)



End Cap Threaded 6 kg/cm²					
AFECTB690	3"	90		70	59.00
AFECTB6110	4"	110		50	90.00
AFECTB6140	5"	140		35	173.50
AFECTB6160	6"	160		25	215.50
AFECTB6200	8"	200		15	398.50

MTA (Hex)



MTA (Hex)					
AFMH75	2½"	75		80	57.50
AFMH90	3"	90		50	95.50

AgriMASTER Fabricated Fittings (HSN Code : 3917)

Fabricated Coupler



Fabricated Coupler 4 kg/cm²					
FC463	2"	63		200	24.50
FC475	2½"	75		125	36.00
FC490	3"	90		80	50.00
FC4110	4"	110		50	73.00
FC4140	5"	140		25	145.50
FC4160	6"	160		20	191.50
FC4180	7"	180		12	268.50
FC4200	8"	200		8	372.00

Fabricated Coupler



Fabricated Coupler 6 kg/cm²					
FC663	2"	63		200	33.50
FC675	2½"	75		125	48.00
FC690	3"	90		80	70.50
FC6110	4"	110		50	105.50
FC6140	5"	140		25	200.50
FC6160	6"	160		20	266.50

Always Ahead In Quality



Boreline

uPVC COLUMN PIPES
FOR SUBMERSIBLE PUMP

BOPVC

TECHNOLOGY FOR
SUPERIOR STRENGTH



PRODUCT DETAILS

WATERFLO Boreline uPVC Column Pipes are 100% safe for drinking water, agricultural and commercial application. It helps in delivering clean and non toxic water from the source.

WATERFLO Boreline uPVC Column Pipes are available from 1" (25 mm) to 6" (150 mm) with various pressure ratings.

PRODUCT RANGE

Eco Bore Series	1" to 2"
Eco Bore Series Bell Ended	1" to 1½"
Easy Bore Series	1" to 2"
Easy Bore Series Bell Ended	1" to 1½"
Medium Bore Series	2" to 4"
Ultra Bore Series	1" to 4"
Standard Bore Series	1" to 6"
Heavy Bore Series	1" to 6"
Heavy Plus Bore Series	2¼"
Super Heavy Bore Series	2" to 4"

MARKING & UNIFORMITY

Pipes are clearly marked with the Manufacturers Trademark, Outside Diameter, Series and kg/cm², Lot Number, Date and Time, Country of Origin.

Class of Pipe	Marking Colour
Eco Bore Series	Grey
Easy Bore Series	Purple
Medium Bore Series	Orange
Ultra Bore Series	Black
Standard Bore Series	Red
Heavy Bore Series	Blue
Heavy Plus Bore Series	Black
Super Heavy Bore Series	Yellow

FEATURES

EPDM Ring | Square Threads | Thick and Thin Process | Bi-Axial Orientation | Light Weight | Easy to install | Long Life | Resistance to Chemical | Prevent Bacterial Growth | Non Conductor to Heat-electricity | Non Toxic

FIELD OF APPLICATIONS

Drinking Water Supply.
Lifting Water for Agriculture.
Obtain Water through Pumps.
Industrial Disposal of Chemical Efficient.
Transportation of Aggressive Fluids Chemical and Acid.

Waterflo Column Pipes (HSN Code : 3917)

Column Pipes



	Size (inch)	1"	1¼"	1½"	2"	2¼"	2½"	3"	4"	5"	6"
	Size (mm)	25	32	40	50	60	65	80	100	125	150
ECO BORE SERIES	Rate (Per/Pcs)	292	429	559	687						
	Packing	25	25	20	12						
	Pressure	12.5 kg/cm ²	12.5 kg/cm ²	12.5 kg/cm ²	8 kg/cm ²						
	Safe Load	550	840	950	1020						
EASY BORE SERIES	Rate (Per/Pcs)	363	529	662	832						
	Packing	25	25	20	12						
	Pressure	15 kg/cm ²	15 kg/cm ²	15 kg/cm ²	10 kg/cm ²						
	Safe Load	750	1050	1250	1275						
MEDIUM BORE SERIES	Rate (Per/Pcs)				858		1161	1519	2314		
	Packing				12		8	5	4		
	Pressure				13 kg/cm ²		10 kg/cm ²	11 kg/cm ²	10 kg/cm ²		
	Safe Load				1550		1890	2800	4150		
ULTRA BORE SERIES	Rate (Per/Pcs)	456	609	792	1066				2618		
	Packing	25	25	20	12				4		
	Pressure	21 kg/cm ²	21 kg/cm ²	21 kg/cm ²	17 kg/cm ²				12.5 kg/cm ²		
	Safe Load	1830	1830	1830	1830				4920		
STANDARD BORE SERIES	Rate (Per/Pcs)	519	744	912	1171		1561	1991	3061	5321	7138
	Packing	25	25	20	12		8	5	4	3	1
	Pressure	30 kg/cm ²	25 kg/cm ²	26 kg/cm ²	20 kg/cm ²		16 kg/cm ²	17 kg/cm ²	15 kg/cm ²	16 kg/cm ²	16 kg/cm ²
	Safe Load	1350	1650	1725	2160		2750	4050	5740	9100	9600
HEAVY BORE SERIES	Rate (Per/Pcs)	614	952	1146	1363	1398	2125	2726	4449	6477	8414
	Packing	25	20	15	12	10	8	5	4	3	1
	Pressure	39 kg/cm ²	35 kg/cm ²	35 kg/cm ²	27 kg/cm ²	27 kg/cm ²	26 kg/cm ²	26 kg/cm ²	26 kg/cm ²	26 kg/cm ²	26 kg/cm ²
	Safe Load	1525	2050	2100	2900	2900	4300	5850	9600	11650	12100
HEAVY PLUS BORE SERIES	Rate (Per/Pcs)					1800					
	Packing					10					
	Pressure					30 kg/cm ²					
	Safe Load					3200					
SUPER HEAVY BORE SERIES	Rate (Per/Pcs)				1821		2873	3774	6145		
	Packing				8		5	4	3		
	Pressure				35 kg/cm ²		35 kg/cm ²	35 kg/cm ²	35 kg/cm ²		
	Safe Load				3540		5300	7500	12400		
ECO BORE SERIES (BELL ENDED)	Rate (Per/Pcs)	261	389	514							
	Packing	25	25	20							
	Pressure	12.5 kg/cm ²	12.5 kg/cm ²	12.5 kg/cm ²							
	Safe Load	550	840	950							
EASY BORE SERIES (BELL ENDED)	Rate (Per/Pcs)	296	447	563							
	Packing	25	25	20							
	Pressure	15 kg/cm ²	15 kg/cm ²	15 kg/cm ²							
	Safe Load	750	1050	1250							

Always Ahead In Quality



HDPE PIPES

FOR AGRICULTURE &
WATER SUPPLY



PRODUCT DETAILS

WATERFLO HDPE pipes are widely used in water supply and irrigation applications.

WATERFLO HDPE Pipes are manufactured as per IS 4984 standard covering range from 32mm to 110mm and available in raw material grades PE 63, PE 80 and PE 100 with various pressure ratings.

PRODUCT RANGE

PE 63 : Available Sizes 32mm to 110mm (SDR 21 to SDR 8)

PE 80 : Available Sizes 110mm (SDR 21 to SDR 6)

PE 100 : Available Sizes 32mm to 110mm (SDR 21 to SDR 7.4)

STANDARDS & SPECIFICATIONS

IS:4984 Specification for High density Polyethylene pipes For Water supply.

MARKING & UNIFORMITY

Pipes are clearly marked with the Manufacturers Trademark, Outside Diameter, Grade of Material, pressure rating, applicable IS Standard and Batch / Lot Number.

Black Colour pipe with 3 Blue Stripes and white marking colour.

FEATURES

Non Toxic | Light weight | Strong & resilient | Easy installation | Better flow characteristic | Maintenance free | Energy saving | Leak proof | Chemical resistance | Economical and Long Life.

FIELD OF APPLICATIONS

Drinking Water Supply.

Lifting Water for Agriculture.

Obtain Water Through Pumps.

Drip and sprinkler Irrigation system.

Industrial Disposal of Chemical Efficient.

Transportation of Aggressive Fluids Chemical and Acid.

Waterflo HDPE Pipes PE-63 as per IS : 4984-2016 (HSN Code : 3917)

**HDPE Pipes
PE-63**



Size (mm)	SDR 21 PN-4 Rate/mtr.	SDR 17 PN-5 Rate/mtr.	SDR 13.6 PN-6 Rate/mtr.	SDR 11 PN-8 Rate/mtr.	SDR 9 PN-10 Rate/mtr.	SDR 7.4 PN-12.5 Rate/mtr.	SDR 6 PN-16 Rate/mtr.
20	-	-	-	31.00	-	-	-
25	-	-	-	46.00	-	-	-
32	-	52.00	63.00	75.00	-	-	-
40	65.00	81.00	99.00	119.00	-	-	-
50	101.00	125.00	153.00	185.00	-	-	-
63	161.00	196.00	243.00	293.00	-	-	-
75	229.00	283.00	344.00	414.00	-	-	-
90	326.00	396.00	493.00	589.00	-	-	-
110	543.00	596.00	726.00	878.00	-	-	-

Note : 20mm & 25mm are Non ISI

Waterflo HDPE Pipes PE-80 as per IS : 4984-2016 (HSN Code : 3917)

**HDPE Pipes
PE-80**



Size (mm)	SDR 21 PN-5 Rate/mtr.	SDR 17 PN-6 Rate/mtr.	SDR 13.6 PN-8 Rate/mtr.	SDR 11 PN-10 Rate/mtr.	SDR 9 PN-12.5 Rate/mtr.	SDR 7.4 PN-16 Rate/mtr.	SDR 6 PN-20 Rate/mtr.
32	-	53.00	64.00	76.00	93.00	108.00	127.00
40	66.00	83.00	100.00	121.00	144.00	166.00	199.00
50	103.00	127.00	155.00	188.00	223.00	262.00	310.00
63	163.00	199.00	247.00	297.00	350.00	417.00	490.00
75	233.00	287.00	349.00	420.00	498.00	587.00	693.00
90	331.00	401.00	500.00	598.00	712.00	842.00	996.00
110	552.00	604.00	737.00	892.00	1068.00	1258.00	1490.00

Waterflo HDPE Pipes PE-100 as per IS : 4984-2016 (HSN Code : 3917)

**HDPE Pipes
PE-100**



Size (mm)	SDR 21 PN-6 Rate/mtr.	SDR 17 PN-8 Rate/mtr.	SDR 13.6 PN-10 Rate/mtr.	SDR 11 PN-12.5 Rate/mtr.	SDR 9 PN-16 Rate/mtr.	SDR 7.4 PN-20 Rate/mtr.
32	-	53.00	65.00	78.00	94.00	109.00
40	67.00	84.00	102.00	123.00	146.00	168.00
50	104.00	129.00	157.00	190.00	226.00	266.00
63	165.00	201.00	250.00	302.00	355.00	423.00
75	237.00	291.00	354.00	427.00	505.00	596.00
90	335.00	408.00	507.00	607.00	723.00	855.00
110	559.00	613.00	748.00	904.00	1084.00	1276.00

CIPA / QP / 5.16.1
सेन्ट्रल इन्स्टीट्यूट ऑफ प्लास्टिक्स
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**CENTRAL INSTITUTE OF PLASTICS
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PLASTICS TESTING CENTRE

Waterflo aPVC Elbow. Test Report No.: 45909

**PART C
TEST RESULTS**

IS-4985 : 2000 Class No.	Property	Unit	Test Results	Specified Value
10.3	Effect on Water			
a)	Lead (first extraction)	mg/Lit	Not Detected	1.0 (Max.)
b)	Lead (third extraction)	mg/Lit	Not Detected	0.3 (Max.)
c)	Dialky Tin C4 & higher homologues measured as Tin (Third extraction)	mg/Lit	0.0034	0.02 (Max.)
d)	Cadmium (all three extraction)	mg/Lit	Not Detected	0.01 (Max.)
e)	Mercury (all three extraction)	mg/Lit	Not Detected	0.001 (Max.)
	Other Toxic Substances, ppm			
a)	Di-n-octyl-tin-s		Not Detected	
b)	Bi-n-octyl mercapto acetate		Not Detected	0.01 Max.
c)	Buyl stearate (3 rd extraction)		Not Detected	

PART D

REMARKS : NIL
NOTE : 1. The results related only to the items tested.
2. The report shall not be reproduced in full/part without written approval of the laboratory.

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Page 2 of 2

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PLASTICS TESTING CENTRE

Waterflo aPVC Pipe. Test Report No.: 43109

**PART C
TEST RESULTS**

IS-4985 : 2000 Class No.	Property	Unit	Test Results	Specified Value
10.3	Effect on Water			
a)	Lead (first extraction)	mg/Lit	Not Detected	1.0 (Max.)
b)	Lead (third extraction)	mg/Lit	Not Detected	0.3 (Max.)
c)	Dialky Tin C4 & higher homologues measured as Tin (Third extraction)	mg/Lit	0.0006	0.02 (Max.)
d)	Cadmium (all three extraction)	mg/Lit	Not Detected	0.01 (Max.)
e)	Mercury (all three extraction)	mg/Lit	Not Detected	0.001 (Max.)
	Other Toxic Substances, ppm			
a)	Di-n-octyl-tin-s		Not Detected	
b)	Bi-n-octyl mercapto acetate		Not Detected	0.01 Max.
c)	Buyl stearate (3 rd extraction)		Not Detected	

PART D

REMARKS : NIL
NOTE : 1. The results related only to the items tested.
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PLASTICS TESTING CENTRE

Injection Moulded PVC Socket Fittings with Solvent Cement Joints. Test Report No.: 2990
110mm WP Elbow Class-3, Brand: WATERFLO. Date: 06.10.2017

**PART C
TEST RESULTS**

IS 7814 : 1987 (Part-1 & Part-3) Sr. No.	Tests	Unit	Results Obtained	Specified Requirements
1	4.0 Minimum Wall Thickness	mm	5.0	Thickness at any place in a fitting shall not be less than 3.0 mm
2	5.2 Socket Dimension			
3.1.1	Minimum Socket Length	mm	62.10	61.0 Min.
3.1.2	Mean Socket Internal Diameter at Mid-Point of socket length	mm	110.29	110.1 Min. 110.4 Max.
3	3.3.3 Out of Roundness	mm	0.14	Less than or equal to 0.007 D or equal to 0.2 mm (D=0.007 D is less than 0.2 mm)
4	6.1 Stress Relief		No sign of blisters, deformation or cracking observed	The specimens tested shall not show blisters, excessive deformation or cracking or signs of softening
5	6.2 Opacity	%	0.0	0.0 - 2.5 Max.
6	6.3 Effect on Water	mg/Lit		
6.3.1	Lead (1 st Extraction)		Not Detected	1.000 (Max.)
6.3.2	Lead (3 rd Extraction)		Not Detected	0.3 (Max.)
	Dialky Tin C4 & higher homologues measured as Tin, ppm (Third extraction)		0.002	0.020 (Max.)
	Other Toxic Substances (all 3 extracts)			
a)	Di-n-octyl-tin-s		Not Detected	0.01 (Max.)
b)	Bi-n-octyl mercapto acetate		Not Detected	
c)	Buyl stearate (3 rd extraction)		Not Detected	

PART D

REMARKS : NIL
NOTE : 1. The results related only to the items tested.
2. The report shall not be reproduced in full/part without written approval of the laboratory.

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PLASTICS TESTING CENTRE

Injection Moulded PVC Socket Fittings with Solvent Cement Joints. Test Report No.: 2990
110mm WP Elbow Class-3, Brand: WATERFLO. Date: 06.10.2017

**PART C
TEST RESULTS**

IS 7814 : 1987 (Part-1 & Part-3) Sr. No.	Tests	Unit	Results Obtained	Specified Requirements
1	6.4 Short-Term Hydraulic		No leakage observed	The fittings shall withstand a pressure of 4.2 ± 0.2, 4.0 times the working pressure for one hour without failure
2	2.2.2 Laying length Z	mm	58.10	56.0 - 60.0

PART D

REMARKS : NIL
NOTE : 1. The results related only to the items tested.
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Corporate Office : CIPET, Chennai - 600 032

पिपेट : (सी एस टी एस) औरंगाबाद
CIPET : (CSTS) Aurangabad

CONTINUATION SHEET

ULR No.: TC82272000004882P
Test Report No.: 24319
Date: 12.10.2021
Page No. 2 of 3

**PART C
Test Results as per IS 15779 : 2007 (Reaffirmed Year: 2017) with amendments no. 1, 2, & 4**

Sr. No.	Clause	Name of the test	Unit	Test value obtained	Specified Requirement
1	7.0 7.1.6 Table 2	Dimensions of pipes Mean Outside Diameter	mm	26.5	26.5
2	7.1.1 Table 2	Dimensions of pipes Min. Diameter at any point	mm	26.4	26.4
3	7.1.2 Table 2	Wall thickness (t)	mm	0.3	0.5
4	7.1.2.1	Wall thickness (t)	mm	2.2	2.1
5	7.1.2.1	Wall thickness (t)	mm	2.4	2.6
6	7.1.2.1	Wall thickness (t)	mm	2.3	2.6
7	7.1.2.1	Tolerance on wall thickness	mm	0.1	0.4
8	7.1.3.1	Effective length (L)	m	1.0	The preferred effective length of pipes are 3.0 or 6 m. The pipes may be supplied in other length when so agreed upon between the manufacturer and the purchaser.
9	8.0	Pipe ends		Satisfactory	The ends of the pipes must for solvent cementing shall be clean cut and shall be reasonably square to the axis of the pipe or may be chamfered at the end.
10	8.1	Visual appearance		OK-White	The colour of the pipes shall be off-white.
11	8.1.1	Visual appearance		Satisfactory	The internal & external surfaces of the pipes shall be smooth, clean and free from gouging and other defects.
12	9.2	Opacity (Max)	%	0.00	0.2

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Page 2 of 3

पिपेट : (सी एस टी एस) औरंगाबाद
CIPET : (CSTS) Aurangabad

CONTINUATION SHEET

ULR No.: TC82272000004882P
Test Report No.: 24319
Date: 12.10.2021
Page No. 3 of 3

**PART C
Test Results as per IS 15779 : 2007 (Reaffirmed Year: 2017) with amendments no. 1, 2, & 4**

Sr. No.	Clause	Name of the test	Unit	Test value obtained	Specified Requirement
13	9.4	Reversion Test (Max)	%	112.44	95
14	9.6	Visual softening temperature (min)	°C	112.9	110
15	9.8	Density	kg/m³	1530	1450-1530
16	10.1	Hydrostatic characteristic (Acceleration test @ 43.0 MPa at 20°C for 1 hr)		No Sign of Failure	The pipe shall not fail during the prescribed test duration
17	10.3	Resistance to external Blow at 20°C	%	0	The pipe shall have less than impact rate of not more than 10
18	10.4	Flattening test		No Sign of Failure	The pipe shall show no signs of cracking, splitting & breaking
19	10.5	Tensile strength @ yield (Min)	MPa	53.0	50

PART D

REMARKS : NIL
NOTE : 1. This Test Report / Certificate is issued only for the samples submitted to CIPET.
2. The results stated above related only to the items tested.
3. The quality of the subsequent production lot has to be ensured by the purchaser.
4. The reports shall not be reproduced in full / part without written approval of the laboratory.
5. Details of tests subcontracted, Nil.

Authorised Signatory
Asst. Technical Officer

Authorised Signatory
Asst. Technical Officer

For any other communication

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Pump, Kalawad Road,
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E-Mail: rjb@bis.gov.in

Web: www.bis.org.in,
www.manukonline.in

BUREAU OF INDIAN STANDARDS
Attachment to Licence No. CML-3922869

CML No.	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
3922869	WATERFLO PIPES & SYSTEMS Survey No. 1379, Plot No. 2&3, Padwa, Taluka Kanti Sangani, Rajkot-360024	Unreinforced polypropylene (PP) pipes for pressure and cold water distribution systems	IS 15778: 2002

Endorsement No. 9 Dated 20-Feb-2022

Whereas, the license was valid upto Twenty Second February Two Thousand Twenty Two, now, consequent upon renewal, the validity of the license given in schedule of the License Dated 20-Feb-2022 has been extended from Twenty Second February Two Thousand Twenty Two to Twenty First February Two Thousand Twenty Three.

Other terms and conditions of license remain same.

Branch Head (Rajkot Branch Office-I)

Manuk Bhuvan, 9 Bahadur Shah Zafar Marg, New Delhi 110002, 9 Bahadur Shah Zafar Marg, DELHI 110002

Contact No: +91 11 23230131, **Fax:** +91 11 23234062, 232 **Email:** info@bis.gov.in
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BUREAU OF INDIAN STANDARDS
Attachment to Licence No. CML-76008714

CML No.	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
76008714	WATERFLO PIPES & SYSTEMS Survey No. 1379, Plot No. 2&3, Padwa, Taluka Kanti Sangani, Rajkot-360024	Unreinforced Polypropylene (PP) pipes for pressure and cold water distribution systems	IS 15778: 2002

Endorsement No. 16 Dated 16-Jun-2022

Whereas, the license was valid upto Twenty Second June Two Thousand Twenty Two, now, consequent upon renewal, the validity of the license given in schedule of the License Dated 16-Jun-2022 has been extended from Twenty Second June Two Thousand Twenty Two to Twenty First June Two Thousand Twenty Three.

Other terms and conditions of license remain same.

Branch Head (Rajkot Branch Office-I)

Manuk Bhuvan, 9 Bahadur Shah Zafar Marg, New Delhi 110002, 9 Bahadur Shah Zafar Marg, DELHI 110002

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Next to Bharat Petrol
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Endorsement No. 19 Dated 14-Jun-2022

Whereas, the license was valid upto Twenty First June Two Thousand Twenty Two, now, consequent upon renewal, the validity of the license given in schedule of the License Dated 14-Jun-2022 has been extended from Twenty First June Two Thousand Twenty Two to Twenty First June Two Thousand Twenty Three.

Other terms and conditions of license remain same.

Branch Head (Rajkot Branch Office-I)

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Endorsement No. 9 Dated 16-Jun-2022

Whereas, the license was valid upto Twenty Second June Two Thousand Twenty Two, now, consequent upon renewal, the validity of the license given in schedule of the License Dated 16-Jun-2022 has been extended from Twenty Second June Two Thousand Twenty Two to Twenty First June Two Thousand Twenty Three.

Other terms and conditions of license remain same.

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Endorsement No. 7 Dated 22-Aug-2022

Whereas, the license was valid upto Twenty Ninth August Two Thousand Twenty Two, now, consequent upon renewal, the validity of the license given in schedule of the License Dated 22-Aug-2022 has been extended from Twenty Ninth August Two Thousand Twenty Two to Twenty First August Two Thousand Twenty Three.

Other terms and conditions of license remain same.

Branch Head (Rajkot Branch Office-I)

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76008714	WATERFLO PIPES & SYSTEMS Survey No. 1379, Plot No. 2&3, Padwa, Taluka Kanti Sangani, Rajkot-360024	Unreinforced Polypropylene (PP) pipes for pressure and cold water distribution systems	IS 15778: 2002

Endorsement No. 5 Dated 15-Aug-2022

Whereas, the license was valid upto First September Two Thousand Twenty Two, now, consequent upon renewal, the validity of the license given in schedule of the License Dated 15-Aug-2022 has been extended from First September Two Thousand Twenty Two to Twenty First August Two Thousand Twenty Three.

Other terms and conditions of license remain same.

Branch Head (Rajkot Branch Office-I)

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Endorsement No. 6 Dated 09-Sep-2022

Whereas, the license was valid upto Eleventh May Two Thousand Twenty Two, now, consequent upon renewal, the validity of the license given in schedule of the License Dated 09-Sep-2022 has been extended from Eleventh May Two Thousand Twenty Two to Twenty First May Two Thousand Twenty Three.

Other terms and conditions of license remain same.

Branch Head (Rajkot Branch Office-I)

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