

مصنع التقنية العصرية للبلاستيك
MODERN TECHNOLOGY FACTORY FOR PLASTIC

M.T.P.

The quality you can trust

C.P.V.C. PIPES & FITTINGS



Potable hot & cold water systems



مصنع التكنولوجيا العصرية للبلاستيك
MODERN TECHNOLOGY FACTORY FOR PLASTIC

Chlorinated Poly vinyl Chloride (CPVC)

CPVC is thermoplastic piping material which can be used for higher temperatures application. It is a special polymer with a higher glass transition point, which means advantages over regular UPVC pipes and fittings.

CPVC retains its mechanical strength at higher temperatures.

CPVC = 93 °C Max UPVC = 59 °C max.

MTP CPVC Pipes and fittings are used both for hot & cold water applications.

MTP CPVC pipes are manufactured according to ASTM F - 441 and DIN 8079 / 8080 standards.

MTP CPVC fittings are manufactured according to F - 439 ASTM standards.



CPVC Pipes for Elevated Temperature

The specification cover chlorinated polyvinyl chloride (CPVC) pipe made for water distribution at elevated temperatures.

ASTM F - 441

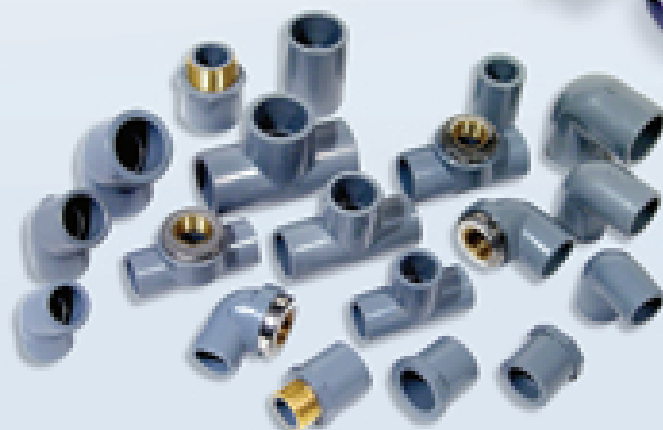
Normal Size Inch	Outside Diameter (mm)		Wall Thickness (mm) SCH 80	
	Minimum	Maximum	Minimum	Maximum
1/2	21.20	21.50	3.70	4.20
3/4	26.60	26.90	3.90	4.40
1	33.40	33.70	4.60	5.10
1 1/4	42.10	42.40	4.90	5.40
1 1/2	48.10	48.40	5.10	5.70
2	60.20	60.50	5.50	6.20
3	88.70	89.10	7.60	8.50
4	114.10	114.50	8.60	9.60
6	168.00	168.50	11.00	12.30
8	218.80	219.40	12.70	14.20

Standard Length : 6 Meters

Colour : Grey

Pressure rating at 23° C & 83° C

Normal Size Inch	Pressure Rating (P. S. I) Schedule 80	
	At 23° C	At 83° C
1/2	850	210
3/4	690	170
1	630	155
1 1/4	520	130
1 1/2	470	115
2	400	100
3	370	90
4	320	80
6	280	70
8	250	60



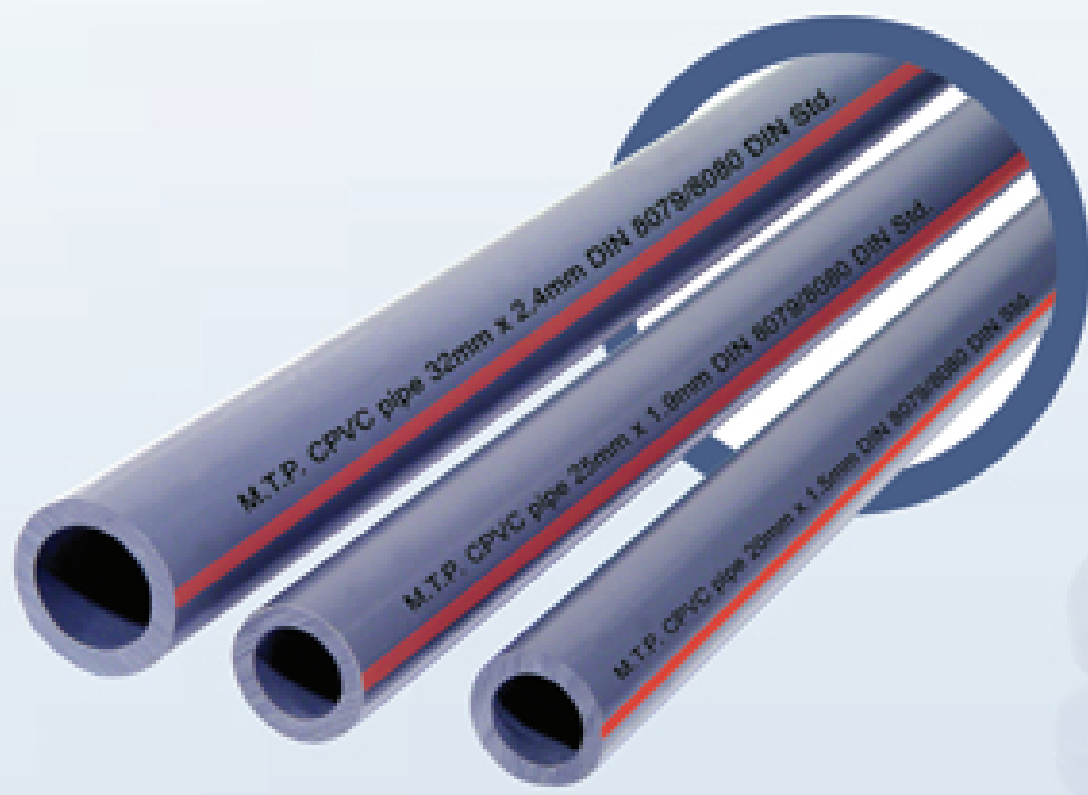
ASTM Standard

CPVC Pipes for Elevated Temperature

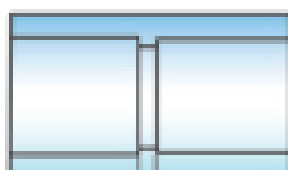
The specification cover chlorinated polyvinyl chloride (CPVC) pipe made for water distribution at elevated temperatures.

DIN 8079 / 8080

Series	1		2		3	
Pressure Rating	PN 16		PN 20		PN 25	
d	5	Mass	6	Mass	8	Mass
mm	mm	Kg/mm	mm	Kg/mm	mm	Kg/mm
16	1.2	0.100	1.5	0.118	1.8	0.138
20	1.5	0.151	1.9	0.183	2.3	0.217
25	1.9	0.234	2.3	0.279	2.6	0.328
32	2.4	0.379	3.0	0.455	3.6	0.534
40	3.0	0.582	3.7	0.701	4.5	0.830
50	3.7	0.890	4.6	0.990	5.6	1.280
63	4.7	1.430	5.8	1.720	7.0	2.020
75	5.8	2.020	5.9	2.420	8.4	2.880
90	6.7	2.880	8.2	3.460	10.0	4.100
110	8.2	4.310	10.0	5.130	12.3	6.160

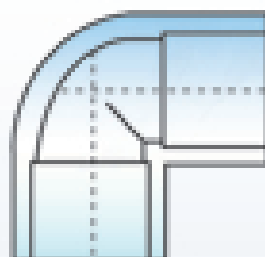


Coupling



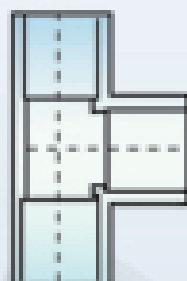
Size Inch
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

Elbow 90°



Size Inch
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

Equal - Tee

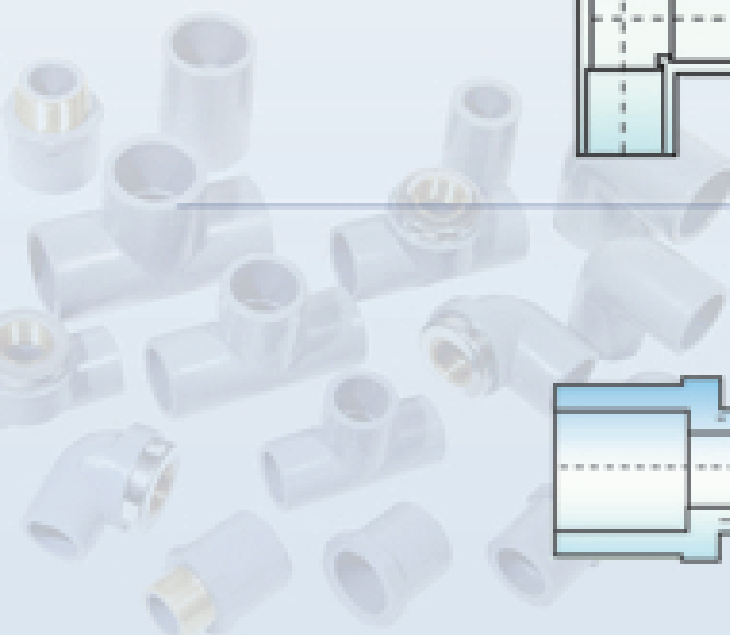


Size Inch
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

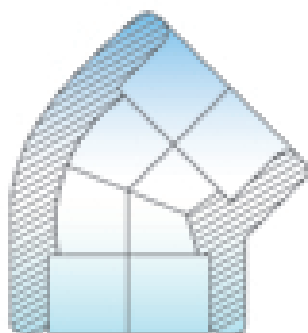
Male Adaptor



Size Inch
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

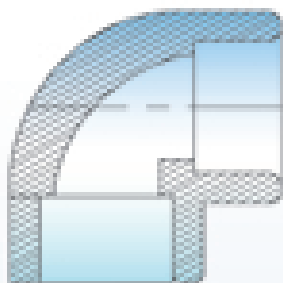


ASTM Standard



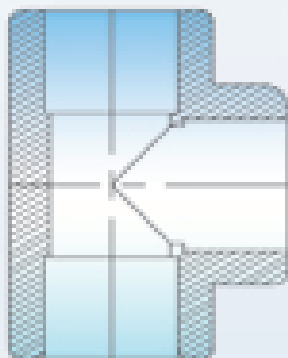
ELBOW 45 DEG.

Size Inch
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"



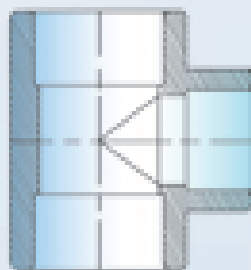
ELBOW 90 DEG. with brass insert

Size Inch
1/2" x 1/2"
3/4" x 1/2"



TEE 90 DEG. with brass insert

Size Inch
1/2" x 1/2"
3/4" x 1/2"



Coupling with brass insert

Size Inch
1/2" x 1/2"
3/4" x 1/2"

Our Branches



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