



ASTM STANDARD

AMERICAN SOCIETY FOR TESTING & MATERIALS

5.4 ASTM F441/F441M SCHEDULE 40 & 80

Chlorinated UPVC pressure pipes for Hot water application

ASTM F-441/F-442M SCH 40 & 80										
Nominal Size (inch)	Outside Diameter (mm)		SCHEDULE 40				SCHEDULE 80			
			Wall Thickness (mm)		Pressure Rating (psi)		Wall Thickness (mm)		Pressure Rating (psi)	
	MIN	MAX	MIN	MAX	23°C	82°C	MIN	MAX	23°C	82°C
1/2	21.20	21.40	2.77	3.28	600	150	3.73	4.24	850	210
3/4	26.60	26.80	2.87	3.38	480	120	3.91	4.42	690	170
1	33.27	33.53	3.38	3.89	450	110	4.55	5.08	630	155
1-1/4	42.07	42.33	3.56	4.06	370	90	4.85	5.44	520	130
1-1/2	48.15	48.45	3.68	4.19	330	80	5.08	5.69	470	115
2	60.15	60.45	3.91	4.42	280	70	5.54	6.20	400	100
2-1/2	72.84	73.18	5.16	5.77	300	75	7.01	7.85	420	105
3	88.70	89.10	5.49	6.15	260	65	7.62	8.53	370	90
4	114.07	114.53	6.02	6.73	220	55	8.56	9.58	320	80
6	168.02	168.58	7.11	7.97	180	45	10.97	12.29	280	70
8	218.72	219.48	8.18	9.17	160	40	12.70	14.22	250	60

Standard Length : 5.8 & 6 meters
 Color : Schedule 40 - Light Grey or White
 Schedule 80 - Light Grey
 Socket Type : Nil

Note: Will be manufactured as CPVC-4120

CHLORINATED POLY VINYL CHLORIDE (CPVC) this is thermo plastic piping material which can be used for higher temperature applications. This is a special polymer with a higher glass transition point extending the advantages over regular UPVC pipes.