



CHLORINATED PVC PRESSURE PIPES FOR HOT WATER APPLICATION

ASTM F441 / F441M : SCHEDULE 40 & 80

Nominal Size	Mean Outside Diameter (mm)		WALL THICKNESS (mm) PRESSURE RATING (PSI)							
			SCHEDULE 40				SCHEDULE 80			
			Inch	MIN.	MAX.	MIN.	MAX.	Pressure Rating (PSI)		MIN.
at 23 C	at 82 C	at 23 C						at 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	72.82	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	218.62	219.48	8.18	9.17	160	40	12.7	14.22	250	60

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

DIN 8079/8080

Nominal Size (mm)	Mean Outside Diameter (mm)		WALL THICKNESS (mm) & PRESSURE RATING (BAR)							
			SDR 21		SDR 13.6		SDR 11		SDR 9	
			(10 BAR) / PN 10		(16 BAR) / PN 16		(20 BAR) / PN 20		(25 BAR) / PN 25	
mm	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
20	20.0	20.2			1.5	1.9	1.9	2.3	2.3	2.8
25	25.0	25.2	1.5	1.9	1.9	2.3	2.3	2.8	2.8	3.3
32	32.0	32.2	1.5	1.9	2.4	2.9	2.9	3.4	3.6	4.2
40	40.0	40.2	1.9	2.3	3.0	3.5	3.7	4.3	4.5	5.2
50	50.0	50.2	2.4	2.9	3.7	4.3	4.6	5.3	5.6	6.4
63	63.0	63.2	3.0	3.5	4.7	5.4	5.8	6.6	7.1	8.1
75	75.0	75.3	3.5	4.1	5.6	6.4	6.8	7.7	8.4	9.5
90	90.0	90.3	4.3	5.0	6.7	7.6	8.2	9.3	10.1	11.4
110	110.0	110.3	5.3	6.1	8.1	9.2	10.0	11.2	12.3	13.8
125	125.0	125.3	6	6.9	9.2	10.4	11.4	12.8	14	15.7
140	140.0	140.4	6.7	7.6	10.3	11.6	12.7	14.2	15.7	17.5
160	160.0	160.4	7.7	8.7	11.8	13.2	14.6	16.3	17.9	19.9

Standard Length : 4, 5.8 & 6 meters
 Colour : Cream
 Socket Type : Nil




UltraTUFF
CPVC for Hot & Cold Applications

Metric & Imperial pipes sizes are manufactured in Gray & Cream colour offering excellent performance. They provide remarkable resistance to high pressure and corrosion.

ULTRA TUFF CPVC for Plumbing Systems

Hot & Cold Water Applications

When it comes to plumbing systems for hot & cold applications, UltraTuff has set a pristine standard in quality and performance. UltraTuff is manufactured using an advance chemical formula which makes it resistant to low pH water, coastal salt air and corrosive soil providing incomparable performance for hassle free installation on the worksite. while giving you with UltraTuff has numerous advantages over copper & conventional CPVC plumbing systems such as UltraTuff cpvc permanent jointing with solvent-weld cement fusing, unobstructed water flow, exceptional heat retention, silent operation and an incomparable value.

Raw materials for UltraTuff plumbing systems are procured from prominent supplier  France. The superiority of UltraTuff is certified by an independent laboratory test result. UltraTuff cpvc surpasses both 73°F & 32°F impact resistance.

The mechanical feature of UltraTuff comes with additional chlorine molecules that reinforce the intramolecular bonds limiting the slippage of polymer chains making it superior when compared to PVC properties. Performance test of UltraTuff cpvc capitulate very affirmative water absorption results which show less than 4mg/cm² (square) is absorbed after 100hrs in boiling water. Testing out over longer periods under harsh conditions, UltraTuff cpvc provides a significant pressure resistance up to 95°C.

UltraTuff cpvc injected and extruded forms offer equivalently exceptional resistance which is calculated using the appropriate standards. UltraTuff cpvc demonstrate remarkable behavior in comparison with other widely used but more flammable plastics. UltraTuff cpvc demonstrate outstanding resistance to most acids, alkalies and salts. However, physical properties reduce and a swelling occurs when it is used for organic solvents.

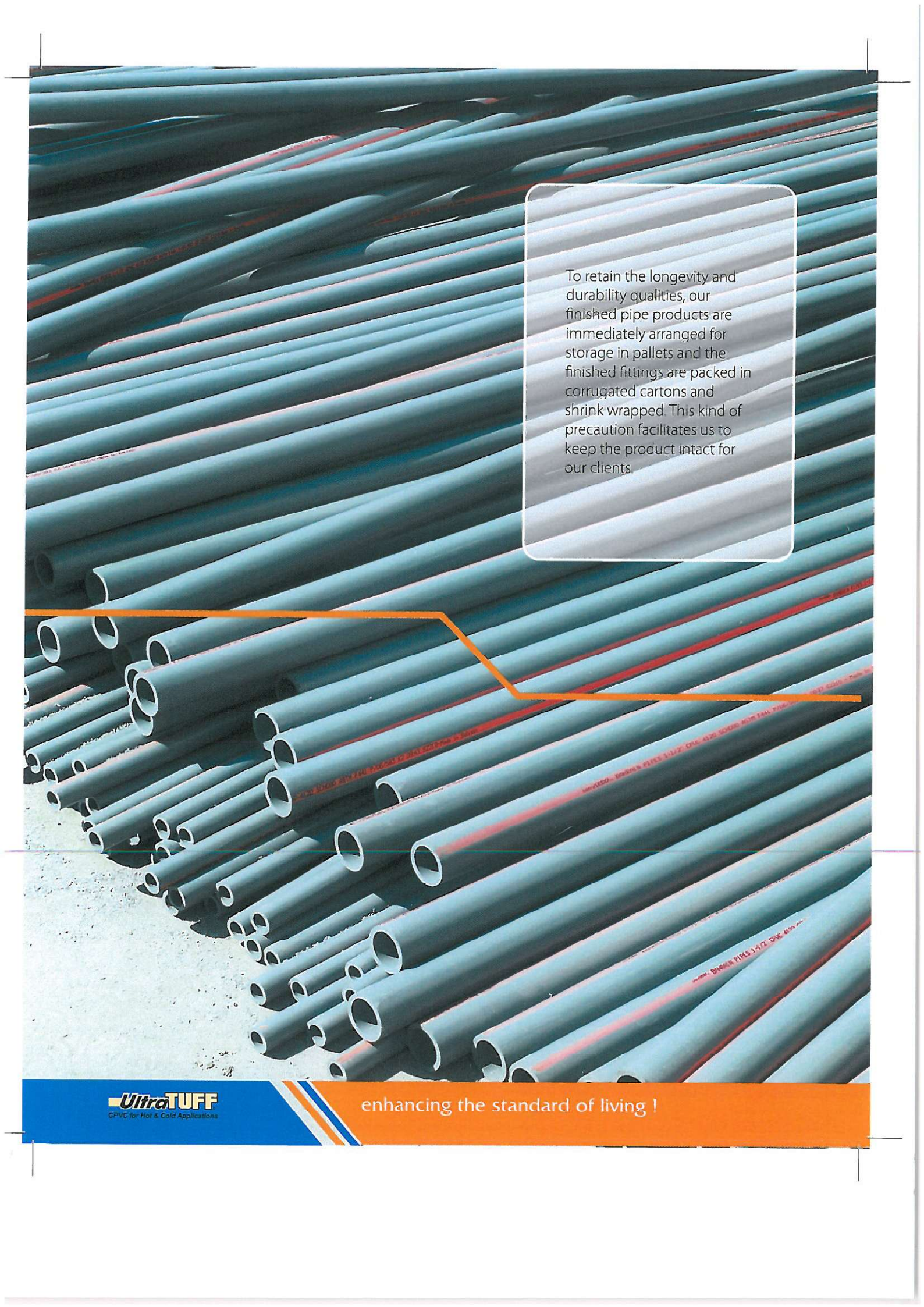
UltraTuff is provided with a significant, limited lifetime warranty. These features make UltraTuff plumbing systems as the premium choice of builders and plumbers in the market today.

Tested & Certified by



For





To retain the longevity and durability qualities, our finished pipe products are immediately arranged for storage in pallets and the finished fittings are packed in corrugated cartons and shrink wrapped. This kind of precaution facilitates us to keep the product intact for our clients.

UltraTUFF
CPVC for Hot & Cold Applications

enhancing the standard of living !

CPVC PLUMBING SYSTEM

(For Hot & Cold Water Applications)

UltraTUFF
CPVC for Hot & Cold Applications

Tested & Certified by



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Bahrain Pipes B.S.C.(c)
it's plastic engineering ...

enhancing the standard of living !