AQUAGOLD HIGH PRESSURE PLUMBING SYSTEM

(UPVC PIPES & FITTINGS) (SOLVENT WELD)

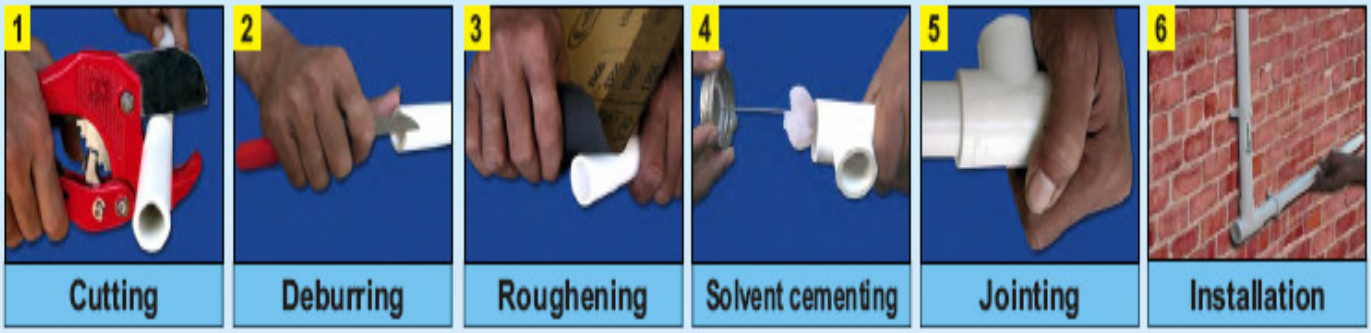
This system is made as per ASTM D-1785 and fittings are made as per ASTM D-2467. The pipes & fittings are available in sizes 1/2" to 8" Dia in the Sch. 40 & Sch. 80 range. The AQUAGOLD fittings are available with brass insert at one end to fit tap connection. Pipes are available in standard length of 3mtrs/6mtrs each.

ADVANTAGES

- Highly Resilient, Tough & Durable.
- High Tensile & Impact Strength.
- Rust proof, Weather proof & Chemical proof.
- Light weight- Easy to handle, Transport & Install.
- UV stabilized.
- Mirror smooth inside-hence High Flow rate
- Cost Effective.


Coupler
Elbow 90°
Reducing Elbow 90°
Elbow 45°
Equal Tee
Reducing Tee
Cross Tee
Reducer
Female Threaded Tee (Brass Insert)
Reducing Bush
Union
End Cap (Plain)
End Cap (Threaded)
Female Threaded Tee (Plastic)
Female Threaded Elbow (Plastic)
Male Threaded Adapter (Plastic)
Female Threaded Adapter (Plastic)
Female Threaded Elbow (Brass Insert)
Female Threaded Adapter (Brass Insert)
Male Threaded Adapter (Brass Insert)
Ball Valve (Solvent Weld)
Circuit Testing Plug
Screw Tap with Handwheel
Pipe Clip (Plastic)
Tank Connector Long (for plastic tank) (F)
Tank Connector (for R.C.C. tank) (F)
Male Transition Nipple (F)
Threaded Plug
Bend 90° (SW) (F)
Bend 90° (Threaded) (F)
Bypass Bend (F)
Offset Bend
Tank Connector (for plastic tank) (F)
Hose Nipple
Conversion Bush
Female Transition Nipple (F)
Flange Adapter
EZ 204 (Heavy duty)
EZ 205
Strong Weld (Medium duty)
Strong Weld (Heavy duty)
Strong Weld Gold
Rain-R-Shine Combo Cement
Pipe Nipple (Threaded)
Hex Nipple

JOINING INSTRUCTIONS



Dimensions and water pressure rating at 23°C for unthreaded pipes as per ASTM D-1785 (PVC compound grade equivalent to PVC 1120/2120)

Nominal Bore	Outside Diameter (D)	Schedule 40 (Standard)			Schedule 80 (Heavy)		
		Wall Thickness (t)	Working Pressure		Wall Thickness (t)	Working Pressure	
(inch)	(mm)	(mm)	Mpa	psi	(mm)	Mpa	psi
½	21.34 ± 0.10	2.77 + 0.51	4.14	600	3.73 + 0.51	5.86	850
¾	26.67 ± 0.10	2.87 + 0.51	3.31	480	3.91 + 0.51	4.76	690
1	33.40 ± 0.13	3.38 + 0.51	3.10	450	4.55 + 0.53	4.34	630
1¼	42.16 ± 0.13	3.56 + 0.51	2.55	370	4.85 + 0.58	3.59	520
1½	48.26 ± 0.15	3.68 + 0.51	2.28	330	5.08 + 0.61	3.24	470
2	60.32 ± 0.15	3.91 + 0.51	1.93	280	5.54 + 0.66	2.76	400
2½	73.02 ± 0.18	5.16 + 0.61	2.07	300	7.01 + 0.84	2.90	420
3	88.90 ± 0.20	5.49 + 0.66	1.79	260	7.62 + 0.91	2.55	370
4	114.30 ± 0.23	6.02 + 0.71	1.52	220	8.56 + 1.02	2.21	320
5	141.30 ± 0.25	6.55 + 0.79	1.31	190	9.52 + 1.14	2.00	290
6	168.28 ± 0.28	7.11 + 0.86	1.24	180	10.97+1.32	1.93	280
8	219.08 ± 0.38	8.18 + 0.99	1.10	160	12.70+1.52	1.72	250

Mpa = Mega Pascal, 1 Mpa = 10kgf/cm², 1kgf/cm² = 14.20 psi