



ANGELSTM
PIPES
giving wings to water



Product Catalogue

uPVC

**COLUMN PIPES
& ACCESSORIES**

www.angelspolytech.com

FOLLOW US



uPVC Column Pipes & Accessories

■ Application

- Water rising for submersible and jet pump for irrigation, domestic, industrial mining chemical distribution.
- A wise replacement for MS, PPR, ERW, GI, HDPE and SS column pipes.
- uPVC is nearly inert towards corrosion, chemical reaction & erosion due to which, it is ideally used in salty, sandy & chemically aggressive water without any effect over the years.

■ Salient Features

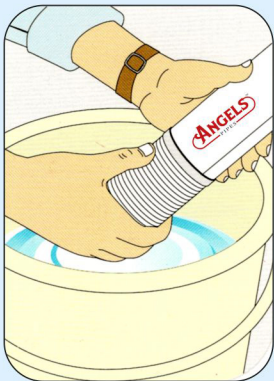
- Corrosion Free & Inert to Chemicals
- Very low friction losses
- Cost Effective
- Energy Saver
- Long Life
- Non Toxic
- No Electrolytic Deposition
- Easy Installation & handling



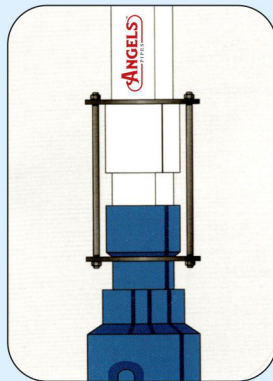
■ Special Features & Identity

- Smooth surface for reduced hydraulic friction and increased water flow.
- Internal and External Square threaded spigot ends with rubber gasket for easy, reliable joining.
- Special square thread for quick installation and high load-bearing capacity.
- Inside sealing ring for turbulence-free, leak-proof joints.
- Step ring to prevent leakages, control vibration, and over-tightening.
- Inkjet printing and Hallmark for anti-counterfeiting.
- Smooth internal surface boosts water flow, reduces power consumption and includes an outer ring to prevent leaks.
- Outer ring to prevent leakage and over-tightening.
- Extra-long coupler in Heavy & Super Heavy series for higher load pulling strength and maintenance-free jointing.

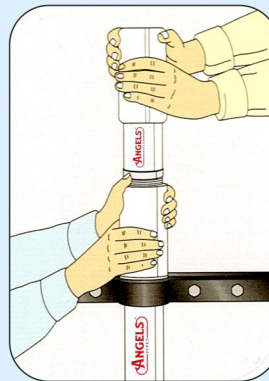
Installation Care



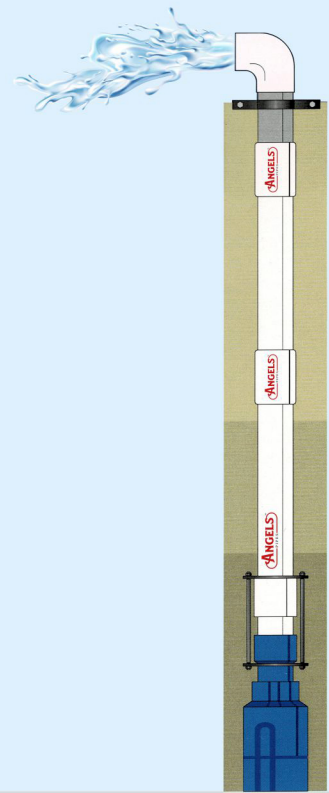
Ensure pipe threads have been made dust and sand free with the help of clean water to avoid damages for smooth tightening.



Always use the pump guard for the safety of pumps and pipes.



Clamp pipe joint adequately while installation.



uPVC Column Pipes & Accessories

Product Code	Nominal Size (inch)	Nominal Size (mm)	Category	Safe Allowable Hydrostatic Pressure	Type	Length (Mtr.)	Ultimate Breaking Load (kg.)	Safe Pulling Load With Chain Pulley (kg.)	Safe Total Pump Delivery Head (Mtr.)	Std. Packing	Screen Color
A025V40125	1"	25	V4	12.5kg/cm ²	Coupler	3	850	500	125	20	Purple
A025V4B125	1"	25	V4	12.5kg/cm ²	Bell End	3	850	500	125	25	Purple
A025ELT015	1"	25	Elite	15 kg/cm ²	Coupler	3	1000	600	150	20	Green
A025ELB015	1"	25	Elite	15 kg/cm ²	Bell End	3	1000	600	150	25	Green
A025MED021	1"	25	Medium	21 kg/cm ²	Coupler	3	1250	780	210	20	Orange
A025MEB021	1"	25	Medium	21 kg/cm ²	Bell End	3	1250	780	210	25	Orange
A025STD030	1"	25	Standard	30 kg/cm ²	Coupler	3	1900	1200	300	20	Red
A032V40125	1.25"	32	V4	12.5kg/cm ²	Coupler	3	1300	800	125	20	Purple
A032V4B125	1.25"	32	V4	12.5kg/cm ²	Bell End	3	1300	800	125	25	Purple
A032ELT015	1.25"	32	Elite	15 kg/cm ²	Coupler	3	1550	900	150	20	Green
A032ELB015	1.25"	32	Elite	15 kg/cm ²	Bell End	3	1550	900	150	25	Green
A032MED021	1.25"	32	Medium	21 kg/cm ²	Coupler	3	1800	1000	210	20	Orange
A032MEB021	1.25"	32	Medium	21 kg/cm ²	Bell End	3	1800	1000	210	25	Orange
A032STD026	1.25"	32	Standard	26 kg/cm ²	Coupler	3	2600	1500	300	20	Red
A032HEV035	1.25"	32	Heavy	35 kg/cm ²	Coupler	3	3100	1800	350	15	Blue
A040V40125	1.5"	40	V4	12.5kg/cm ²	Coupler	3	1700	1000	125	20	Purple
A040V4B125	1.5"	40	V4	12.5kg/cm ²	Bell End	3	1700	1000	125	25	Purple
A040ELT015	1.5"	40	Elite	15 kg/cm ²	Coupler	3	2000	1200	150	20	Green
A040ELB015	1.5"	40	Elite	15 kg/cm ²	Bell End	3	2000	1200	150	25	Green
A040MED021	1.5"	40	Medium	21 kg/cm ²	Coupler	3	2500	1500	210	20	Orange
A040MEB021	1.5"	40	Medium	21 kg/cm ²	Bell End	3	2500	1500	210	25	Orange
A040STD026	1.5"	40	Standard	26 kg/cm ²	Coupler	3	3000	1700	260	20	Red
A040HEV035	1.5"	40	Heavy	35 kg/cm ²	Coupler	3	4200	2000	350	15	Blue
A050ECO009	2"	50	ECO	9 kg/cm ²	Coupler	3	2000	1000	90	15	Purple
A050ELT013	2"	50	Elite	13 kg/cm ²	Coupler	3	2500	1500	130	15	Green
A050MED018	2"	50	Medium	18 kg/cm ²	Coupler	3	3200	1870	170	15	Orange
A050STD021	2"	50	Standard	21 kg/cm ²	Coupler	3	3600	2100	200	15	Red
A050HEV028	2"	50	Heavy	28 kg/cm ²	Coupler	3	4800	2900	270	10	Blue
A050SHV035	2"	50	Super Heavy	35 kg/cm ²	Coupler	3	5600	3400	350	10	Black
A053HEV027	2.25"	53	Heavy	27 kg/cm ²	Coupler	3	5000	2800	270	10	Blue
A053HVP030	2.25"	53	Heavy Plus	30 kg/cm ²	Coupler	3	5200	3000	300	7	Blue
A053SHV035	2.25"	53	Super Heavy	35 kg/cm ²	Coupler	3	5740	3380	350	7	Black
A065MED010	2.5"	65	Medium	10 kg/cm ²	Coupler	3	3500	1900	100	10	Orange
A065STD016	2.5"	65	Standard	16 kg/cm ²	Coupler	3	5200	2800	160	10	Red
A065HEV026	2.5"	65	Heavy	26 kg/cm ²	Coupler	3	7000	4200	260	7	Blue
A065SHV035	2.5"	65	Super Heavy	35 kg/cm ²	Coupler	3	9000	5300	350	5	Black
A080MED011	3"	80	Medium	11 kg/cm ²	Coupler	3	4500	2500	110	5	Orange
A080STD017	3"	80	Standard	17 kg/cm ²	Coupler	3	7000	4100	170	5	Red
A080HEV026	3"	80	Heavy	26 kg/cm ²	Coupler	3	10000	6000	260	5	Blue
A080SHV035	3"	80	Super Heavy	35 kg/cm ²	Coupler	3	12300	7000	350	5	Black
A100ECO008	4"	100	ECO	8 kg/cm ²	Coupler	3	7000	4100	80	5	Purple
A100MED010	4"	100	Medium	10 kg/cm ²	Coupler	3	7000	4100	100	5	Orange
A100STD015	4"	100	Standard	15 kg/cm ²	Coupler	3	10500	5800	150	5	Red
A100HEV026	4"	100	Heavy	26 kg/cm ²	Coupler	3	16000	9400	260	3	Blue
A100SHV035	4"	100	Super Heavy	35 kg/cm ²	Coupler	3	19800	11000	350	3	Black

uPVC Column Pipes & Accessories

Product Code	Nominal Size (inch)	Nominal Size (mm)	Category	Safe Allowable Hydrostatic Pressure	Type	Length (Mtr.)	Ultimate Breaking Load (kg.)	Safe Pulling Load With Chain Pulley (kg.)	Safe Total Pump Delivery Head (Mtr.)	Std. Packing	Screen Color
A125STD016	5"	125	Standard	16 kg/cm ²	Coupler	3	16000	9500	160	2	Red
A125HEV026	5"	125	Heavy	26 kg/cm ²	Coupler	3	23000	14000	260	2	Blue
A125SHV035	5"	125	Super Heavy	35 kg/cm ²	Coupler	3	30000	18000	350	2	Black
A150STD016	6"	150	Standard	16 kg/cm ²	Coupler	3	30000	14000	160	2	Red
A150HEV026	6"	150	Heavy	26 kg/cm ²	Coupler	3	38000	22500	260	1	Blue
A150SHV035	6"	150	Super Heavy	35 kg/cm ²	Coupler	3	40000	25000	350	1	Black

uPVC COLUMN PIPE CI ADAPTOR SET MEDIUM, STANDARD AND HEAVY PIPE

Sr. No.	Size	Std. Pkg. Qty.	CI Adaptor Set Heavy Code	CI Adaptor Standard Code	CI Adaptor Medium Code
1	1" (25mm)	20	OI01ASTCHV	-	OI01ASTCMD
2	1.25" (32mm)	15	OI12ASTCHV	OI12ASTCST	OI12ASTCMD
3	1.5" (40mm)	15	OI15ASTCHV	OI15ASTCST	OI15ASTCMD
4	2" (50mm)	8	OI02ASTCHV	OI02ASTCST	OI02ASTCMD
5	2.25" (63mm)	8	O225ASTCHV	-	-
6	2.5" (65mm)	6	OI25ASTCHV	OI25ASTCST	OI25ASTCMD
7	3" (80mm)	4	OI03ASTCHV	OI03ASTCST	OI03ASTCMD
8	4" (100mm)	3	OI04ASTCHV	OI04ASTCST	OI04ASTCMD
9	5" (125mm)	2	OI05ASTCHV	-	-



uPVC COLUMN PIPE ADAPTOR SUITABLE FOR HEAVY PIPE

Sr. No.	Size	Std. Pkg. Qty.	SS 304 Adaptors Heavy		M.S. & C.I. Adaptors Heavy	
			Bottom Code	Top Code	MS Top Code	CI Top Code
1	1" (25mm)	20	OI01BTASSH	OI01TPASSH	OI01TPAMSH	OI01TPACHV
2	1.25" (32mm)	15	OI12BTASSH	OI12TPASSH	OI12TPAMSH	OI12TPACHV
3	1.5" (40mm)	15	OI15BTASSH	OI15TPASSH	OI15TPAMSH	OI15TPACHV
4	2" (50mm)	8	OI02BTASSH	OI02TPASSH	OI02TPAMSH	OI02TPACHV
5	2.25" (63mm)	8	O225BTASSH	O225TPASSH	O225TPAMSH	O225TPACHV
6	2.5" (65mm)	6	OI25BTASSH	OI25TPASSH	OI25TPAMSH	OI25TPACHV
7	3" (80mm)	4	OI03BTASSH	OI03TPASSH	OI03TPAMSH	OI03TPACHV
8	4" (100mm)	3	OI04BTASSH	OI04TPASSH	OI04TPAMSH	OI04TPACHV
9	5" (125mm)	2	OI05BTASSH	OI05TPASSH	OI05TPAMSH	OI05TPACHV
10	6" (150mm)	-	OI06BTASSH	OI06TPASSH	OI06TPAMSH	-



uPVC COLUMN PIPE ADAPTOR SUITABLE FOR SUPER HEAVY PIPE

Sr. No.	Size	Std. Pkg. Qty.	SS 304 Adaptors Super Heavy		M.S. & C.I. Adaptors Super Heavy	
			Bottom Code	Top Code	MS Top Code	CI Top Code
1	1" (25mm)	20	-	-	-	-
2	1.25" (32mm)	15	OI12BTASSS	OI12TPASSS	OI12TPAMSS	-
3	1.5" (40mm)	15	OI15BTASSS	OI15TPASSS	OI15TPAMSS	-
4	2" (50mm)	8	OI02BTASSS	OI02TPASSS	OI02TPAMSS	OI02BTACSH
5	2.25" (63mm)	8	O225BTASSS	O225TPASSS	O225TPAMSS	O225BTACSH
6	2.5" (65mm)	6	OI25BTASSS	OI25TPASSS	OI25TPAMSS	OI25BTACSH
7	3" (80mm)	4	OI03BTASSS	OI03TPASSS	OI03TPAMSS	OI03BTACSH
8	4" (100mm)	3	OI04BTASSS	OI04TPASSS	OI04TPAMSS	OI04BTACSH
9	5" (125mm)	2	OI05BTASSS	OI05TPASSS	OI05TPAMSS	OI05BTACSH
10	6" (150mm)	-	OI06BTASSS	OI06TPASSS	OI06TPAMSS	-

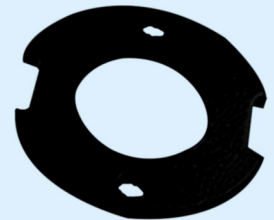


uPVC Column Pipes & Accessories

Sr. No.	Size	Std. Pkg. Qty.	Flange Set		SS Rod Set	
			MS Code	SS Code	Size	Code
1	1" (25mm)	25	OI01FLG0MS	OI01FLG0SS	17"	OI17ROD0SS
2	1.25" (32mm)	25	OI12FLG0MS	OI12FLG0SS	20"	OI20ROD0SS
3	1.5" (40mm)	25	OI15FLG0MS	OI15FLG0SS	22"	OI22ROD0SS
4	2" (50mm)	25	OI02FLG0MS	OI02FLG0SS	24"	OI24ROD0SS
5	2.25" (63mm)	25	O225FLG0MS	O225FLG0SS	26"	OI26ROD0SS
6	2.5" (65mm)	25	OI25FLG0MS	OI25FLG0SS	-	-
7	3" (80mm)	25	OI03FLG0MS	OI03FLG0SS	-	-
8	4" (100mm)	25	OI04FLG0MS	OI04FLG0SS	-	-
9	5" (125mm)	12	OI05FLG0MS	OI05FLG0SS	"BELT WRENCH (SPANNER) Code: OREGBWRBMT"	
10	6" (150mm)	12	OI06FLG0MS	OI06FLG0SS		



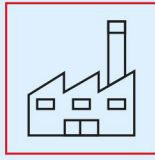
Sr. No.	Size	Lowering Jig	
		MS Code	MS SH CODE
1	1" (25mm)	-	-
2	1.25" (32mm)	OI12LJG0MS	-
3	1.5" (40mm)	OI15LJG0MS	-
4	2" (50mm)	OI02LJG0MS	OI02LJGMSS
5	2.25" (63mm)	O225LJG0MS	-
6	2.5" (65mm)	OI25LJG0MS	OI25LJGMSS
7	3" (80mm)	OI03LJG0MS	OI03LJGMSS
8	4" (100mm)	OI04LJG0MS	OI04LJGMSS
9	5" (125mm)	OI05LJG0MS	OI05LJGMSS
10	6" (150mm)	-	-



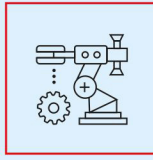
■ Manufacturing Superiority



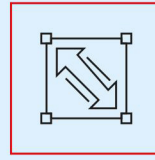
Quality
Raw Material



In House
Testing



World Class
Machines



Plant
Capacity

■ Manufacturer Of

- uPVC Column Pipes & Accessories
- uPVC Pressure Agri Pipes & Fittings
- HDPE Pipes
- Submersible Cables
- Sprinkler Pipes & Fittings
- Garden Pipes
- uPVC Plumbing Pipes & Fittings
- cPVC Plumbing Pipes & Fittings
- uPVC Casing Pipes
- SWR Pipe & Fittings
- Suction Pipes



ANGELSTM
PIPES
giving wings to water



Angels Polytech Pvt. Ltd.

Survey No. 161-162, Opp. Balsar Village, B/h. Metoda GIDC, Kalawad-Lodhika Road
Tal. Lodhika, Rajkot - 360 021, (Gujarat) INDIA. ☎ +91 87806 12826

✉ support@polyangels.in

🌐 www.angelspolytech.com