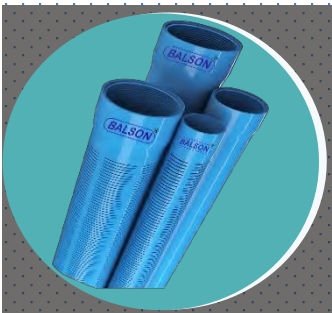


Balson Pipes



Quality & Strength In Every Millimeter



**CASING
PIPES**



**COLUMN
PIPES**



**AGRICULTURE
PRESSURE PIPES**

Casing Pipes

Casing pipes are manufactured as per **IS 12818:2010** (equivalent to DIN 4985) standard and are available in 100mm to 400mm size in CS, CM & CD class. Tube wells generally failed due to problems associated with conventional materials like corrosion and encrustation. Due to corrosion the strainer screen gets damaged and the sand particles come out with the water. Due to encrustation, pipe diameter as well as effective area of the screen reduces and hence tube well becomes unserviceable within few years. By the use of PVC compound this problems are solved. Trapezoidal threaded socket & spigot ends for easy, reliable jointing, long & better strength. Surface finish of this pipe is extremely smooth which reduces the hydraulic frictions. Horizontal Slots to get maximum water yield.



CASING PIPES

No Corrosion.
No Erosion
No Encrustation
Cost Effective
Easy to Install
Long Life
More Water

PRODUCT RANGE

Available PLAIN & RIBBED in sizes of 100 mm to 400 mm in CS, CM, CD class

SPECIFICATIONS

Confirming to IS 12818:2010

APPLICATIONS

Casing pipe are ideal for Domestic Wells, Irrigation Wells, Industrial Wells, Public Wells, Mining Wells etc....

COLOR CODE

<u>Class of Pipe</u>	<u>Colour Code</u>
CS	■ Red
CM	■ Yellow
CD	■ Green

Technical Chart of uPVC Casing Pipes

Nominal Dia.		Outside Dia. mm		Wall Thickness (mm)		Max. Outside Dia Over Socket mm
Inch	mm	Min.	Max.	Min.	Max.	
6	150	165.0	165.4	5.7	6.5	174
7	175	200.0	200.5	7.0	7.8	211
8	200	225.0	225.5	7.6	8.8	238
10	250	280.0	280.5	9.6	11.0	292
12	300	330.0	330.6	11.2	13.3	346
14	350	400.0	400.7	14.0	15.5	420
16	400	450.0	450.8	16.0	17.5	470

Medium Well Plain Casing Pipes (CM) as per IS:12818 & DIN 4925

Nominal Dia.		Outside Dia. mm		Wall Thickness (mm)		Max. Outside Dia Over Socket mm
Inch	mm	Min.	Max.	Min.	Max.	
1¼	35	42.0	42.2	3.5	4.0	46
1½	40	48.0	48.2	3.5	4.0	52
2	50	60.0	60.2	4.0	4.6	65
3	80	88.0	88.2	4.0	4.6	94
4	100	113.0	113.3	5.0	5.7	120
4½	115	125.0	125.3	5.0	5.7	132
5	125	140.0	140.4	6.5	7.4	150
6	150	165.0	165.4	7.5	8.5	178
7	175	200.0	200.5	8.8	9.8	215
8	200	225.0	225.5	10.0	11.2	243
10	250	280.0	280.5	12.5	14.0	298
12	300	330.0	330.5	14.5	16.2	352
14	350	400.0	400.7	17.5	19.5	428
16	400	450.0	450.8	19.5	21.7	479

Deep Well Plain Casing Pipes (CD) as per IS:12818 & DIN 4925

Nominal Dia.		Outside Dia. mm		Wall Thickness (mm)		Max. Outside Dia Over Socket mm
Inch	mm	Min.	Max.	Min.	Max.	
4	100	113.0	113.3	7.0	7.9	125
4½	115	125.0	125.3	7.5	8.5	137
5	125	140.0	140.4	8.0	9.0	152
6	150	165.0	165.5	9.5	10.7	180
7	175	200.0	200.5	11.8	13.6	217
8	200	225.0	225.5	13.0	14.8	247
10	250	280.0	280.5	16.0	17.6	304
12	300	330.0	330.6	19.0	21.0	359
14	350	400.0	400.7	21.5	23.9	433

Shallow Well Plain Casing Pipes (CS) as per IS:12818 & DIN 4925

- **CS Type** : Casing for Shallow well, can be used for depth up to 80 metre.
- **CM Type** : Casing for medium well, can be used for depth above 80 meter and up to 250 meter.
- **CD Type** : Casing for deep well, can be used for depth above 250 meter and up to 400 meter.
- **Colour** : Blue
- **Available Pipe Length** : 2.9 & 5.8 Meter

SALIENT FEATURES

- Casing Pipes are manufactured from special uPVC compound having extra toughness
- Casing Pipes are totally immune to corrosion and offer good resistance to aggressive elements in the soil.
- Casing Pipes are provided with good quality threaded joints, thus they can be easily assembled and installed
- Casing Pipes are light in weight and hence transportation and installation becomes much easier
- The material of the pipe is non-toxic, hence does not impart any taste, odor or colour. Its free from bacteria and hence absolutely safe for carrying ground water.
- uPVC is non conductor of electricity which eliminates any electro-chemical action with ground water which could cause encrustation of screens.
- Being free from rusting, weathering and chemical action and due to good mechanical properties, casing pipe lasts for long time.
- uPVC Casing Pipe provide the best cost benefit ratio when compared to other materials

APPLICATION

- Tube well & Bore well
- Rain water harvesting application
- Water disposal & injection well
- Agriculture vertical drainage well
- Domestic, industrial and mining wells

Dimensions And Pattern Of Perforations

Perforation width, ω				0.2 ^{+0.06}	0.3 ^{+0.016}	0.5 ^{+0.1}	0.75 ^{+0.2}	1.0 ^{+0.2}	1.5 ^{+0.2}	2.0 ^{+0.2}	3.0 ^{+0.3}
Nom Size DN	Pipe dimensions d x s	η min.	$\Sigma \eta a$ $\pm 5\%$	f, as a percentage							
35	42 x 3.5		75	3.7	5.2	6.0	9.1	9.4	9.7	12.1	
40	48 x 3.5		85	3.7	5.2	6.0	9.1	9.4	9.7	12.1	
50	60 x 4.0		108	3.7	5.2	6.0	9.1	9.4	9.7	12.1	
80	88 x 4.0		168	3.7	5.2	6.0	9.1	9.4	9.7	12.1	
100	113 x 5.0		216	3.7	5.2	6.0	9.1	9.4	9.7	12.1	
	113 x 7.0		206								
115	125 x 5.0		240	3.7	5.2	6.0	9.1	9.4	9.7	12.1	
	125 x 7.5		230								
125	140 x 6.5		240		4.7	5.6	8.2	8.5	8.8	11.0	13.5
	140 x 8.0		235								
150	165 x 7.5		285			5.6	8.2	8.5	8.8	11.0	13.5
	165 x 9.5		278								
175	195 x 8.5		340			5.6	8.3	8.5	8.8	11.0	13.5
	195 x 11.5		330								
200	225 x 10.0		390				8.3	8.5	8.8	11.0	13.5
	225 x 13.0		380								
250	280 x 12.5		450				7.6	7.9	8.1	10.2	12.5
	280 x 16.0		435								
300	330 x 14.5		530				7.6	7.9	8.1	10.2	12.5
	330 x 19.0		512								
350	400 x 17.5		640					7.9	8.1	10.2	12.5
	400 x 21.5		626								
400	450 x 19.5		720					7.9	8.1	10.2	12.5
	450 x 23.5		706								
Rib width, b (± 0.5) l				4.0	4.0	5.5	5.5	6.8	9.5	9.5	11.0

Key to symbols:

- f Approximate total effective perforations area (with $\square a$ and $\square$ in the middle of the tolerance zone)
- $\Sigma \eta a$ Total length of perforations in one plane
- η Minimum number of perforations in one plane.

Standard slot width range showing average percentage open area

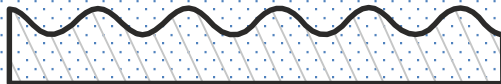
0.20mm	3%		0.20mm
0.30mm	4%		0.30mm
0.40mm	5%		0.40mm
0.50mm	6%		0.50mm
0.75mm	9%		0.75mm
1.00mm	11%		1.00mm
1.25mm	13%		1.25mm
1.50mm	16%		1.50mm
2.00mm	20%		2.00mm
3.00mm	25%		3.00mm

Threaded Joints

Different type of thread profiles used in Casing & Screen.



GP. Ace pr - Trapezoidal Thread - to DIN 2999 with a modified depth to DIN 4295 pitch 6.00 mm



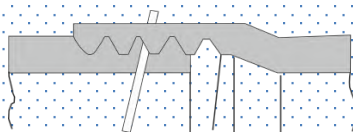
Rounded Thread - A special thread for use on heavy duty large diameter casing with a 14 mm pitch.



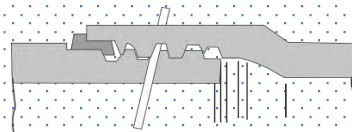
Trapezoidal with Rounded Shoulder - Cut to DIN 103 or bs.1104 with a modified depth to complement pitch. Pitch 12.00 mm



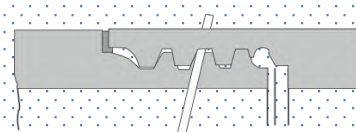
Special Buttress Thread* - 14 mm pitch.



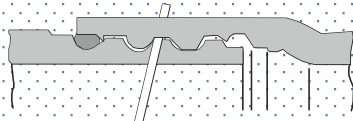
Whitworth pipe Thread



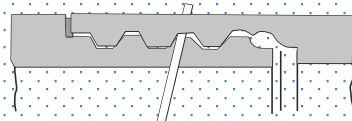
Trapezoidal Thread DIN 4925



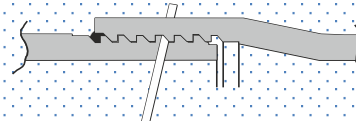
Flush Joint Trapezoidal Thread



Trapezoidal Round Shoulder Thread



Flush Joint with Trapezoidal Round Shoulder Thread

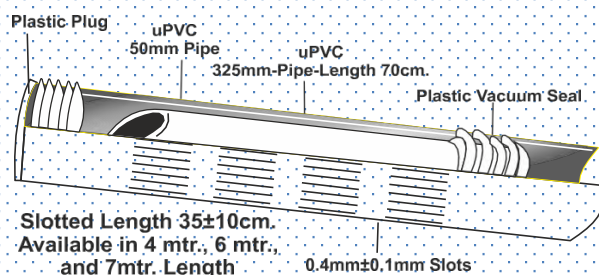


Buttress Thread*

Well Point Dewatering System

Dewatering Systems are used to lower the groundwater table adequately in cohesive and low permeable soils. In dewatering systems, water is pumped off from the sumps along the slopes of the excavation works.

The open dewatering system consists of a number of well points that are spaced along a trench or around an excavation site and all points are connected to a common header. The headers are usually attached to one or more pumps that perform the pumping operation.



Handling

As uPVC is a material that is approximately 1/5th of the weight of ductile iron, then proper handling of this material is an area which is sometimes incorrectly addressed and thus can seriously affect the quality of the final pipe system structure.

During transportation casing and screen must not be handled roughly. This is particularly so when they are in contact with hard surfaces. Dropping from a height or dragging them from one place to another may damage the pipes and make them unsuitable for use.

Use of improper machinery/handling equipment for lifting or moving pipes must be avoided at all times.

Where mechanical handling equipment is used, it should be ensured that any metallic implements do not come in direct contact with the pipes. Fibrous material like ropes and web slings are ideal for such purposes, as they will not damage the pipe walls.



uPVC COLUMN PIPES



Light Weight
Long Life
Smooth Internal Surface
Leak Proof Joints
Strong Threaded Joints

Submersible Column Pipe



Pump Guard Top-Bottom
S.S. Rods & M.S. Flanges



Pipe Lifter
Pipe Spanner

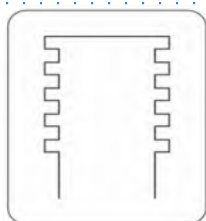


C.I. Adaptor Set



S.S. Adaptor Set

Advantages of Balson Column / Drop / Riser Pipes



Square Threads



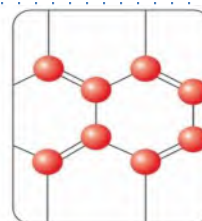
Thick & Thin



Rubber Ring



Coupling



Molecule Orientation
Technique

Quality Control Procedures at Balson

Size in inch	Size in inch
Short Term Hydrostatic Pressure Test	As per IS 4985-1988
Impact Strength	As per IS 4985-2000 Testing done at 6 to 20 times higher than specifications
Tensile Strength	As per IS 12818-1992
Specific Gravity	As per IS 12818-1992 Between 1.40 1.43

Product Range

Pipes: 1" to 2" - Eco Duty
1" to 5" - Medium Duty
1" to 6" - Standard Duty
1" to 6" - Heavy Duty
1.5" to 6" - Super heavy duty

Application

- Water rising from submersible and jet pump for irrigation, domestic, industrial mining.
- A perfect replacement for MS, GI, and SS pipes.
- Suitable for salty, sandy and chemically aggressive water.

Advantages

- Long life
- Light in weight & easy to transport
- Easy and low installation cost since no need of threading tools or solvent cement for fitment Cost saver
- Power saver
- 10 to 30% extra water
- No electrolytic deposition
- No rusting or corrosion
- High impact resistance

Application

- ❖ Water rising from submersible and jet pump for irrigation, domestic, industrial mining.
- ❖ A perfect replacement for MS, GI, and SS pipes.
- ❖ Suitable for salty, sandy and chemically aggressive water.

Salient Features of Column / Drop / Riser Pipes

- ❖ Long life
- ❖ Light in weight & easy to transport.
- ❖ Easy and low installation cost since no need of threading tools or solvent cement for fitment.
- ❖ Cost saver
- ❖ Power saver
- ❖ 10 to 30% extra water
- ❖ No electrolytic deposition
- ❖ No rusting or corrosion
- ❖ High impact resistance

Advantages Of Column / Drop / Riser Pipes

Manufacturing Process:

- ❖ We use latest extrusion technology, standard quality control procedures and have fully equipped laboratory ensuring the best quality of pipes with perfect dimensional accuracy.
- ❖ We use CNC machines for threading of pipes and couplers with high accuracy tools to ensure the exact dimensions thereby resulting in easy and comfortable fitment of pipes.

Special Formulation:

- ❖ Pipes are made with specially designed formulation, so that the pipes are capable of handling both internal hydro-static pressure as well as vertical tensile load due to the water column and pump weight.
- ❖ This special formulation also ensures that the threads do not get brittle and break even after loosening and tightening several times during the life span.

Thick & Thin:

- ❖ This innovative technique is for making pipes thicker in the threading end to compensate for material removal due to threads. Therefore saves raw material consumption and at the same time provides much higher strength to the pipes.

Square Threads:

- ❖ Unique square threads made on CNC machines provide sufficient grip and additional strength against tensile load.
- ❖ Thus the joint becomes fairly strong with sufficient factor of safety to take care of load of entire assembly with pump weight.
- ❖ These specially designed threads also make it suitable for easy fitment.
- ❖ All threads are checked thoroughly with fitment gauges to ensure 100% accuracy.

Rubber Ring:

Specially designed "O" rings and "BELT" rings are provided on pipe threads to make the joints watertight, absorb pump vibrations, avoid leakage and over tightening.

Molecular Orientation:

At Balson we have developed unique Molecular Orientation Technique during pipe extrusion, which gives higher impact strength to the pipes.



Advantage

A horizontal bar with a blue gradient, transitioning from a darker blue on the left to a lighter blue on the right.

PVC column pipes offer significant advantages in the mining and oil industry due to their exceptional corrosion resistance, high tensile strength, and lightweight, cost-effective nature. They handle acidic, abrasive mine water well and last over 50 years with minimal maintenance. Their smooth, non-stick inner surface reduces energy costs by improving water flow.

Key Advantages in Mining & Oil Industry Applications:

- ❖ **Corrosion & Chemical Resistance:** Unlike metal pipes, uPVC is immune to rust, corrosion, and harsh chemical environments frequently found in underground mining operations.
- ❖ **High Strength & Durability:** Engineered for high hydrostatic pressure, these pipes can withstand deep-well applications (up to 1450 ft) and high-load conditions.
- ❖ **Optimal Flow Efficiency:** The smooth interior surface minimizes friction loss, resulting in better water flow and lower energy consumption for pumps.
- ❖ **Lightweight & Easy Installation:** Being lightweight, they are easy to transport and install, reducing labor costs and time.
- ❖ **Low Maintenance & Long Lifespan:** They require minimal maintenance and can last for decades, providing long-term reliability.
- ❖ **Structural Integrity:** They are designed to endure mechanical stress, such as torque from submersible pumps.

Comparison Chart

Material Property Requirement For Column Pipes	uPVC Column Pipes	Mild Steel Or Galvanized Steel Pipes
Long life	uPVC Column Pipes do not react with acidic or alkaline water and have a long life in the bore wells.	Steel pipes are prone to rust, corrosion & ultimately get damaged and need to replace quickly.
Light weight	Pipes are light in weight and are easy to handle, install and remove.	Pipes are heavy and a great effort is required for installation or maintenance. Difficult to handle.
Smooth internal surface	Internal surface is smooth, therefore low head loss due to friction and results in higher discharge of water.	Rough internal surface and head loss is high resulting in less discharge of water.
Leak proof joints	Rubber rings are provided with the threads at every joint ensuring 100% leak proof	Steel pipes are prone to rust, corrosion & ultimately get damaged and need to replace quickly.
Strong threaded joints	Specially designed square thread, which do not corrode rust or deteriorate.	"Threads are prone to rust and corrosion easily."

Column Pipe

Column Pipes are distinctively designed and manufactured on fully automatic processing machineries and with the latest technology, into the most modern state of the art manufacturing plant.

Square Thread : The internal - external square threading on pipes & couplers are made on the ultra modern CNC machines which provide sufficient grip to the joint and it become fairly strong to take care of load of the entire assembly along with the pump-set. The square threading pattern shall also make the installation process - very easy, quick & proper.

Sealing Rings : Combination of especially designed "O" Rings, "C" Rings, "L" Rings and Profile Ring made it out of EPDM rubber are provided in between the pipe and coupler for lead proof joint and also to absorb the pump vibrations.

Hi Strength Technology : The perfect blend of machine and its tooling design in maintaining the orientation of PVC in linear and perimeter directions constantly & concurrently during the extrusion process. Substantially high tensile and impact strength of the pipes is achieved by this highly proven process & technology.



ADVANTAGES

- Cost effective & Energy Saver
- Non-Toxic & Non-Conductive
- Corrosion Resistant & Hi Flow rate
- Hygienic & Safe for Drinking Water
- Easy & Fast Installation
- Light in Weight
- Long Life

PRODUCT RANGE

Available in sizes of 25mm to 150mm sizes in Light Duty, Light Plus, Medium Duty, Heavy Duty and Super Heavy Duty. These range of pipe developed for the different installation application and suitable for almost all pump delivery head requirements.

APPLICATIONS

Water rising for submersible pump sets for irrigation domestic etc....

COLOR CODE

Class of Pipe

V4-12.5 Light Duty
V4-15 Light Plus
medium Duty
Standard Duty
Standard Plus
Heavy Duty
Super Heavy Duty

Colour Code

■ Green
■ Violet
■ Orange
■ Red
■ Violet
■ Blue
■ Black

Specification of uPVC Column/Riser/Drop Pipe

Nominal Size (Inch)	Nominal Dia (MM)	TYPE	Outer Diameter (MM)		Wall Thickness (Mm)				Length Of Thick Portion At Both End Side (MM)
					End Side		Barrel / Middle Side		
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
1"	25	Medium	32.80	33.20	3.6	4.1	2.1	2.5	200 ± 10
		Standard			4.2	4.5	2.9	3.2	
1.25"	32	Medium	41.80	42.20	4	4.3	2.7	3	200 ± 10
		Standard Delux			4.7	5.1	2.65	3	
		Standard			5.2	5.5	3.2	3.6	
		Heavy			6.5	7	4.4	4.8	
1.5"	40	Medium	47.80	48.22	4.8	5.3	3.1	3.5	200 ± 10
		Standard Delux			5	5.4	3	3.4	
		Standard			5.3	5.9	3.8	4.2	
		Heavy			7.1	7.7	5.2	5.6	
		Super Heavy			8.1	8.4	5.9	6.3	
2"	50	Medium	59.80	60.20	5.1	5.7	2.5	2.9	300 ± 10
		Standard Delux			5.72	6.1	3.45	3.87	
		Standard			6.2	6.8	3.9	4.3	
		Standard Plus			6.8	7.2	4.3	4.5	
		Heavy			7.7	8.3	5.2	5.6	
		Super Heavy			9.3	9.9	6.5	6.9	
2.5"	65	Medium	74.80	75.20	5.3	5.9	2.6	3.1	300 ± 10
		Standard Delux			6.85	7.32	3.95	4.25	
		Standard			6.8	7.4	4	4.5	
		Standard Plus			8.15	8.3	5.25	5.45	
		Heavy			9	9.6	6.2	6.7	
		Super Heavy			10.8	11.4	8	8.5	
3"	80	Medium	87.80	88.20	5.7	6.3	3.2	3.7	300 ± 10
		Standard Delux			6.5	6.7	4	4.3	
		Standard			7.1	7.7	4.7	5.2	
		Standard Plus			8.7	9	6.7	6.45	
		Heavy			9.7	10.3	7.1	7.6	
		Super Heavy			12.5	13.2	9.7	10.2	
4"	100	Medium	112.90	113.30	6.5	7.1	3.8	4.3	300 ± 10
		Standard Delux			7	7.3	4.5	4.8	
		Standard			8.1	8.8	5.6	6.1	
		Standard Plus			10.9	11.35	7	7.55	
		Heavy			11.9	12.5	8.7	9.2	
		Super Heavy			15.9	16.6	12.3	12.8	
5"	125	Standard	139.80	140.20	10	10.43	7.05	7.5	300 ± 10
		Heavy			14.9	15.7	12	12.6	
		Super Heavy			17.5	18.2	15.4	16	
6"	150	Standard	165.00	165.60	11.85	12.1	9	9.33	300 ± 10
		Heavy			16.5	17	13.8	14.3	
		Super Heavy			20	20.5	16	16.5	

Specification of uPVC Column/Riser/Drop Pipe

Nominal Size (Inch)	Nominal Dia (MM)	Ultimate Breaking Load in (KG)	Safe Pulling Load with Chain Pulley (KG)	Safe Allowable Hydro-static Pressure (Kgf/Cm2)	Safe Total Pump Delivery Head (Meter)	No. of Pipe Pack per Bundle
1"	25	1300	700	19	190	25
		1700	1000	30	150	
1.25"	32	1800	1100	15	300	20
		2120	1260	21	160	
		2600	1500	26	260	
		3050	1750	35	350	
1.5"	40	2450	1450	20	200	15
		2670	1550	21	160	
		3000	1700	26	260	
		4000	2350	35	350	
		4150	2500	40	400	
2"	50	3100	1800	15	150	10
		3320	1900	17	170	
		3650	2050	20	200	
		4100	2400	17	170	
		4700	2580	27	270	
		5550	3400	35	350	
2.5"	65	3300	1900	12	120	8
		3900	2300	16	160	
		4700	2900	16	160	
		5650	3450	23	230	
		7050	4250	26	260	
		10000	6000	35	350	
3"	80	4500	2600	11	110	5
		5500	3200	13	130	
		7000	4100	16	160	
		8000	4800	21	210	
		9500	5800	26	260	
		12500	7200	35	350	
4"	100	6850	3950	10	100	3
		8250	4800	13	130	
		10300	6000	16	160	
		12500	7500	21	210	
		15800	9500	26	260	
		20700	12000	35	350	
5"	125	18000	12000	16	160	2
		24000	15000	25	250	
		30000	18400	35	350	
6"	150	30000	20000	16	160	2
		35000	23200	26	260	
		40000	25800	35	350	

Installation Procedures



PROCEDURE STEP 1 : Secure Pump :

First, connect the Bottom adapter (CI / MS / SS) to submersible Bore well pump using chain wrench tightly.



PROCEDURE STEP 4 : Optional Final Tighten :

Tighten the pipes by hand until the rubber sealing ring of the pipe completely enters into the coupler.



PROCEDURE STEP 2 : Attach Guard :

Fix the pump Guard assembly (uPVC pipe Connector, MS/SS Flanges & Rods) to the bottom adapter.



PROCEDURE STEP 5 : Lower with Clamp:

At the time of lowering the Sabarplast Pipes into borehole, the lowering clamp must be used. Then all the other pipes can be connected in similar way.



PROCEDURE STEP 3 : Clean & Hand Tighten :

Before connecting the pipes and pump guard, ensure to clean the threads with clean water.



PROCEDURE STEP 6 : Connect Pipes :

Securely connect subsequent pipes using the same hand-tighten and optional final tighten method (refer to step 3 & 4)



PROCEDURE STEP 7 : Top Adapter & Delivery :

Fix the Top adapter (CI/MS/SS) to last pipe of coupler and connect the plumbing accessories to the other end of top adapter to transfer the water to the required delivery point.

Comparative Chart

Comparative Chart of characteristics of Milan Column Pipes with Galvanized Steel Pipes and HDPE Pipes.



Sr.	Characteristic Feature Required For Drop / Riser Pipes	Milan Pipes	Galvanized Steel Pipes	HDPE Pipes
1	Rigidity	Pipes are rigid	Pipes are rigid	Not rigid as compared to column Pipe. Not Right choice for Drop/Riser application as they tend to elongate & possibility of breakage is high
2	Load Carrying Capacity	High Load Carrying Capacity due to inherent strength	High Load Carrying Capacity due to inherent strength	Less Load Carrying Capacity due to its flexibility, in the long run, with the heavy weight of the pump it elongates & breakage chances are more.
3	More Reliable Threading Joints. Anti Rust And Anti Corrosion.	CNC machine cut square threads which are superior than any other to hold the wight without slippage. It is totally anti rust and anti corrosion for its entire life span.	The threads have to be reworked after few years due to corrosion & rusting problem. The pipe length is reduced during this process as the customer has to cut the corroded portion of thread area. it involves additional expenses for the customer.	Here it is only a normal & simple push type fitment with any fixture as the threading formulation is not possible due to its softness character. So the connection between the pipe & the pump is weak.
4	Turbulence Free & Totally Leak Proof.	Special design Turbulence Free Ring is provided to absorb the turbulence caused by pimp pressure. Also high quality leak proof profile ring is provided to arrest total leakage.	There is no total leak proof system provided. The threads are not pressure tight and does not have any rubber profile ring sealing.	There is no selective method provided to absorb the turbulence. So wherever the pipe is weak in the entire column, cracks will occur and leakage is caused. Due to push type fitment between the fixture and the pipe it is prone to leak in the due course of time in that portion also.
5	Low Frictional Loss	Water discharge is more (10 to 30%) due to its special feature of smoot internal surface. Due to smooth internal surface the friction is low which results in low head loss.	More head loss due to high friction and so discharge is affected. Friction is high due to rough internal surface	Over all discharge is less because the inner surface is not as smooth when compared to uPVC Column Pipes.
6	Ease of Handling, Installation & Transportation.	Pipes are of light weight which results in easy transpiration, installation & removal. The length of each pipe is only 3 meters standard length and so that handling & fitment is easy.	Pipes are of heavy weight which requires tedious efforts and more cautiousness for transportation, installation & removal even for lower depth bore wells.	Comes in full length coil for the entire bore well length up to which it has to be installed. More chances of pipe damage during erection & lifting process. Rolling back after removal from bore well is also a very tedious job as it will become hard once used.
7	Non Conductivity & Long Life Cycle.	Pipes do not react with any acidic or alkaline substance in water. Hence replacement of pipes not required. Milan Pipes have long life span up to 50 years.	Replacement of pipes required at regular intervals since it is prone to electro chemical reactions. Pipes are reactive to acidic and alkaline substances which reduces the life of the pipes.	Thin walled HDPE pipes cannot be used for high pressure application in bore wells. They break away easily. When high thickness pipes are used for higher depth the discharge is reduced,

CAST IRON ADAPTER BOTTOM (HEAVY)

CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1" to 6"
Finishing : Colour Coated
Thickness : 7 mm to 12 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pumps Set and Column Pipe.

DESCRIPTION : Cast Iron Adapter is very compactible fittings for all those column pipe fittings where it needs. Special square thread design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



CAST IRON ADAPTER BOTTOM (STANDARD)

CATEGORY :

Upvc Column Pipe Accessories

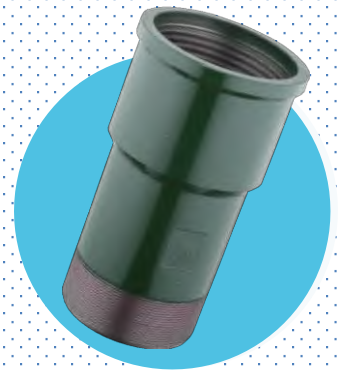
TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1" to 4"
Finishing : Colour Coated
Thickness : 6 mm to 10 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pumps Set and Column Pipe.

DESCRIPTION : Cast Iron Adapter is very compactible fittings for all those column pipe fittings where it needs. Special square thread design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



CAST IRON ADAPTER BOTTOM (MEDIUM)

CATEGORY :

Upvc Column Pipe Accessories

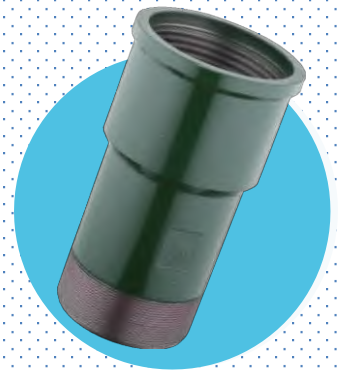
TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1" to 4"
Finishing : Colour Coated
Thickness : 5 mm to 9 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pumps Set and Column Pipe.

DESCRIPTION : Cast Iron Adapter is very compactible fittings for all those column pipe fittings where it needs. Special square thread design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



CAST IRON ADAPTER BOTTOM STEEL CHROME (HEAVY/STANDARD/MEDIUM)

CATEGORY :

Upvc Column Pipe Accessories

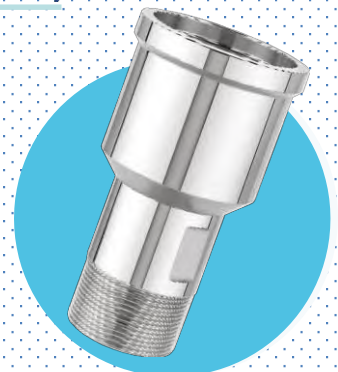
TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1" to 4"
Finishing : Steel Chromium Coated
Thickness : 5 mm to 12 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pumps Set and Column Pipe.

DESCRIPTION : Cast Iron Steel Chrome Adapter is very compactible fittings for all those column pipe fittings where it needs. Special square thread design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile





CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1.1/4" X 1" to 5" X 4"
Finishing : Colour Coated
Thickness : 7 mm to 12 mm
Connection : Square Thread / Pipe Thread

CAST IRON ADAPTER REDUCER BOTTOM

APPLICATION : Connection of Submersible Pumps Set and Small Size of Column Pipes.

DESCRIPTION : Cast Iron Adapter is very compactible fittings for all those column pipe fittings where it needs. Special square thread design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1" X 1.1/4" to 4" X 5"
Finishing : Colour Coated
Thickness : 7 mm to 12 mm
Connection : Square Thread / Pipe Thread

CAST IRON ADAPTER EXPANDER BOTTOM

APPLICATION : Connection of Submersible Pumps Set and Big Size of Column Pipes.

DESCRIPTION : Cast Iron Adapter is very compactible fittings for all those column pipe fittings where it needs. Special square thread design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

CAST IRON ADAPTER REDUCER BOTTOM STEEL CHROME (HEAVY)



CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1.1/4 X 1" to 5" X 4"
Finishing : Steel Chromium Coated
Thickness : 5 mm to 12 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pumps Set and Small Column Pipes.

Description : Cast Iron Steel Chrome Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

CAST IRON ADAPTER EXPANDER STEEL CHROME (HEAVY)



CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1.1/4 X 1" to 4" X 5"
Finishing : Steel Chromium Coated
Thickness : 5 mm to 12 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pumps Set and Big Column Pipes.

DESCRIPTION : Cast Iron Steel Chrome Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

CAST IRON ADAPTER TOP HEAVY (DOUBLE CLAMP)

CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1" to 6"
Finishing : Colour Coated
Thickness : 7 mm to 12 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Column Pipes and Water Flow Output Accessories.

DESCRIPTION : Cast Iron Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile.



CAST IRON ADAPTER TOP STANDARD (DOUBLE CLAMP)

CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1" to 4"
Finishing : Colour Coated
Thickness : 6 mm to 10 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Column Pipes and Water Flow Output Accessories.

DESCRIPTION : Cast Iron Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile.



CAST IRON ADAPTER TOP MEDIUM (SINGLE CLAMP)

CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1" to 4"
Finishing : Colour Coated
Thickness : 5 mm to 9 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Column Pipes and Water Flow Output Accessories.

DESCRIPTION : Cast Iron Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile.



CAST IRON ADAPTER TOP STEEL CHROME (HEAVY/STANDARD/MEDIUM)

CATEGORY :

Upvc Column Pipe Accessories

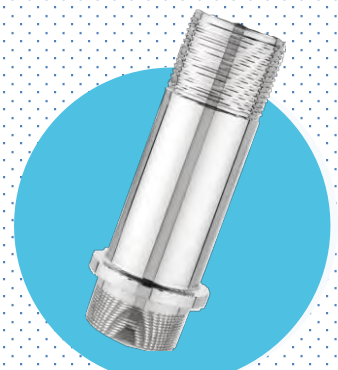
TECHNICAL DETAILS :

Metal : Cast Iron
Diameter : 1" to 6"
Finishing : Steel Chromium Coated
Thickness : 5 mm to 12 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Column Pipes and Water Flow Output Accessories.

DESCRIPTION : Cast Iron Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile.



STAINLESS STEEL 304 ADAPTER BOTTOM (HEAVY)



CATEGORY :
Upvc Column Pipe Accessories

TECHNICAL DETAILS :
Metal : Stainless Steel
Diameter : 1" to 6"
Finishing : Glossy / Matte Steel Finish
Thickness : 5 mm to 9 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pump Set and Column Pipes.

DESCRIPTION : Stainless Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design. Stainless Steel Material Protect against Corrasion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

STAINLESS STEEL 304 ADAPTER REDUCER BOTTOM (HEAVY)



CATEGORY :
Upvc Column Pipe Accessories

TECHNICAL DETAILS :
Metal : Stainless Steel
Diameter : 1.1/4" X 1" to 5" X 4"
Finishing : Glossy / Matte Steel Finish
Thickness : 5 mm to 9 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pump Set and Small Size of Column Pipes.

DESCRIPTION : Stainless Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design. Stainless Steel Material Protect against Corrasion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

STAINLESS STEEL 304 ADAPTER EXPANDER BOTTOM (HEAVY)



CATEGORY :
Upvc Column Pipe Accessories

TECHNICAL DETAILS :
Metal : Stainless Steel
Diameter : 1" X 1.1/4" to 4" X 5"
Finishing : Glossy / Matte Steel Finish
Thickness : 5 mm to 9 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pump Set and Big Size of Column Pipes.

DESCRIPTION : Stainless Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design. Stainless Steel Material Protect against Corrasion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

MILD STEEL ADAPTER TOP HEAVY (DOUBLE CLAMP)



CATEGORY :
Upvc Column Pipe Accessories

TECHNICAL DETAILS :
Metal : Mild Steel
Diameter : 1" to 6"
Finishing : Colour Coated
Thickness : 5 mm to 9 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Column Pipes and Water Flow Output Accessories.

DESCRIPTION : Mild Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

STAINLESS STEEL 304 ADAPTER TOP HEAVY (DOUBLE CLAMP)

CATEGORY :

Upvc Column Pipe Accessories

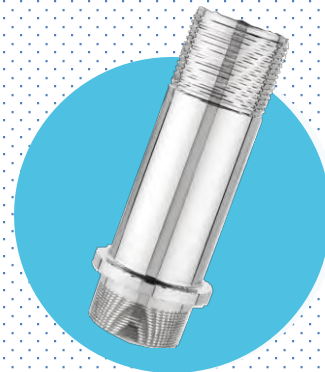
TECHNICAL DETAILS :

Metal : Stainless Steel
Diameter : 1" to 6"
Finishing : Glossy / Matte Steel Finish
Thickness : 5 mm to 9 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pump Set and Column Pipes.

DESCRIPTION : Stainless Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design. Stainless Steel Material Protect against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



STAINLESS STEEL 304 ADAPTER TOP MEDIUM (SINGLE CLAMP)

CATEGORY :

Upvc Column Pipe Accessories

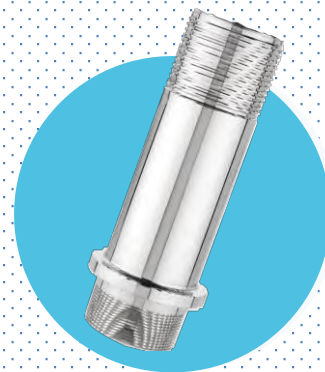
TECHNICAL DETAILS :

Metal : Stainless Steel
Diameter : 1" to 6"
Finishing : Glossy / Matte Steel Finish
Thickness : 5 mm to 9 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pump Set and Column Pipes.

DESCRIPTION : Stainless Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design. Stainless Steel Material Protect against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



STAINLESS STEEL 304 ADAPTER TOP SUPER HEAVY (DOUBLE CLAMP)

CATEGORY :

Upvc Column Pipe Accessories

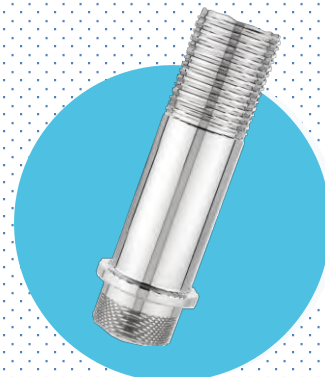
TECHNICAL DETAILS :

Metal : Stainless Steel
Diameter : 1.1/4" to 6"
Finishing : Glossy / Matte Steel Finish
Thickness : 6 mm to 10 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pump Set and Column Pipes.

DESCRIPTION : Stainless Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design. Stainless Steel Material Protect against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



MILD STEEL ADAPTER TOP SUPER HEAVY (DOUBLE CLAMP)

CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Mild Steel
Diameter : 1.1/4" to 6"
Finishing : Colour Coated
Thickness : 6 mm to 10 mm
Connection : Square Thread / Pipe Thread

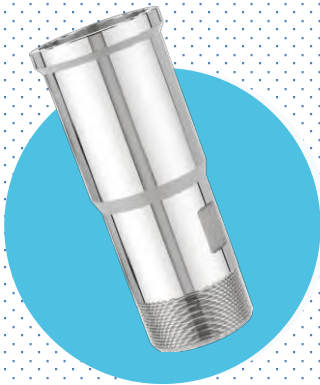
APPLICATION : Connection of Column Pipes and Water Flow Output Accessories.

DESCRIPTION : Mild Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



STAINLESS STEEL 304 ADAPTER BOTTOM (SUPER HEAVY)



CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Stainless Steel
Diameter : 1.1/4" to 6"
Finishing : Glossy / Matte Steel Finish
Thickness : 6 mm to 10 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pump Set and Column Pipes.

DESCRIPTION : Stainless Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design. Stainless Steel Material Protect against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

STAINLESS STEEL 304 ADAPTER RIDUCER BOTTOM (SUPER HEAVY)



CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Stainless Steel
Diameter : 1.1/2 X 1.1/4" to 5" X 4"
Finishing : Glossy / Matte Steel Finish
Thickness : 6 mm to 10 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pump Set and Small Size of Column Pipes.

DESCRIPTION : Stainless Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design. Stainless Steel Material Protect against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

STAINLESS STEEL 304 ADAPTER EXPANDER BOTTOM (SUPER HEAVY)



CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Stainless Steel
Diameter : 1" X 1.1/4" to 3" X 4"
Finishing : Glossy / Matte Steel Finish
Thickness : 5 mm to 9 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Submersible Pump Set and Big Size of Column Pipes.

DESCRIPTION : Stainless Steel Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design. Stainless Steel Material Protect against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

CAST IRON ADAPTER BOTTOM (SUPER HEAVY)



CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Mild Steel
Diameter : 1.1/4" to 6"
Finishing : Colour Coated
Thickness : 6 mm to 10 mm
Connection : Square Thread / Pipe Thread

APPLICATION : Connection of Column Pipes and Water Flow Output Accessories.

DESCRIPTION : Cast Iron Adapter Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. Special Square Thread Design.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

PUMP GUARD MILD STEEL FLANGE

CATEGORY :

Upvc Column Pump Guard Accessories

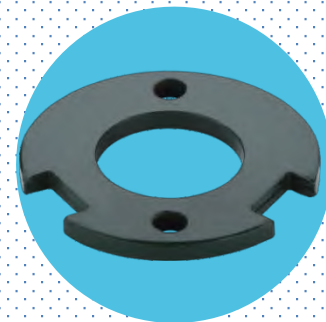
TECHNICAL DETAILS :

Metal : Mild Steel
Diameter : 1" to 6"
Finishing : Colour Coated
Thickness : 8 mm to 12 mm
Connection : Stud Clamp Type

APPLICATION : Connection of Bottom Adapter and Upvc Pump Guard.

DESCRIPTION : Mild Steel Flange Ultimately Leads to Extra Safety of the Pump and Prevents Accidental Loss of Pump and Pipe During Dismantling for the Purpose of Maintenance of the Pump.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



PUMP GUARD STAINLESS STEEL 304 FLANGE

CATEGORY :

Upvc Column Pump Guard Accessories

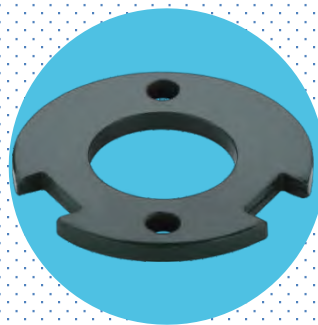
TECHNICAL DETAILS :

Metal : Stainless Steel
Diameter : 1" to 6"
Finishing : Glossy / Matte Steel Finish
Thickness : 8 mm to 12 mm
Connection : Stud Clamp Type

APPLICATION : Connection of Bottom Adapter and Upvc Pump Guard.

DESCRIPTION : Stainless Steel 304 Flange Ultimately Leads to Extra Safety of the Pump and Prevents Accidental Loss of Pump and Pipe During Dismantling for the Purpose of Maintenance of the Pump. Protect Against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



PUMP GUARD STAINLESS STEEL 202 ROD

CATEGORY :

Upvc Column Pump Guard Accessories

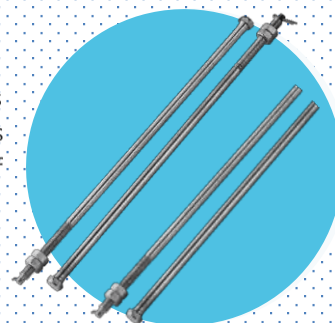
TECHNICAL DETAILS :

Metal : Stainless Steel 202
Diameter : 17" to 26"
Finishing : Glossy / Matte Steel Finish
Thickness : 12 mm
Connection : Stud Clamp Type

APPLICATION : Connection of Bottom Adapter and Upvc Pump Guard.

DESCRIPTION : Stainless Steel 202 Rod Ultimately Leads to Extra Safety of the Pump and Prevents Accidental Loss of Pump and Pipe During Dismantling for the Purpose of Maintenance of the Pump. Protect Against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



MILD STEEL LOWERING (SIGRI) (HEAVY/SUPERHEAVY)

CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : Mild Steel
Diameter : 1" to 6"
Finishing : Colour Coated
Thickness : 6 mm to 12 mm
Connection : Square Thread / Pipe Thread

APPLICATION : For Lowering or Extracting the Riser / Drop Pipes from Borewell.

DESCRIPTION : Mild Steel Lowering jig Is Very Compactible Fittings For All Those Column Pipe Fittings Where It Needs. For Lowering Of Submersible Pump And Pipe.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



BELT SPANNER / BELT WRENCH



CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

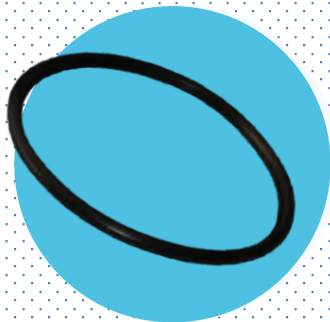
Metal : C.I. / M.S. / Nylon Belt
Diameter : 1" to 6"
Finishing : Colour Zinc Coated
Thickness : -
Connection : -

APPLICATION : Spanner Belt is Very Easy Usable for Upvc Pipe without any Damages. And with Minimum Pressure.

DESCRIPTION : Spanner Belt Assembled by Three Parts where Use Cast Iron, Belt and Mild Steel Rod. Connection for Pipe Fitting.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

GASKET/RUBBER RING



CATEGORY :

Upvc Column Pipe Accessories

TECHNICAL DETAILS :

Metal : NRB
Diameter : 1" to 6"
Thickness : 6 mm to 12 mm

APPLICATION : Rubber Ring are Provided in the Permanent and Temporary Side of the Adapters which Ensure 100% Leak Proof Joint.

DESCRIPTION : Rubber Ring is Very Suitable for the Pipe and Adapter

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

CAST IRON BORECAP



CATEGORY :

Borewell Fitting Accessories

TECHNICAL DETAILS :

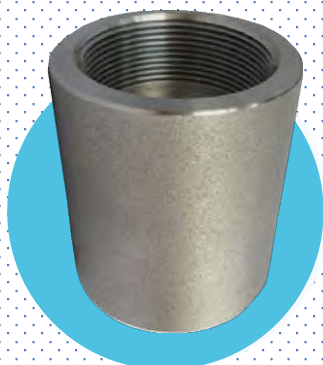
Metal : C.I. / M.S. / Nylon Belt
Diameter : 1" to 6"
Finishing : Colour Zinc Coated
Thickness : -
Connection : -

APPLICATION : Spanner Belt is Very Easy Usable for Upvc Pipe without any Damages. And with Minimum Pressure.

DESCRIPTION : Special Design of SRCPL

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

MILD STEEL SOCKET / STAINLESS STEEL SOCKET (COUPLINE)



CATEGORY :

Pipe Fittings

TECHNICAL DETAILS :

Metal : Mild Steel
Diameter : 1" to 4"
Finishing : Colour / Steel Finish
Thickness : 6 mm to 8 mm
Connection : Thread Type

APPLICATION : Column Pipe / Agri. Pipe / Industrial Pipe and all type of Pipe Connection.

DESCRIPTION : Mild Steel Socket / Stainless Steel Socket (Coupline) is Using for all type of Pipe Connection. Special Steel Grade Protect against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile

MILD STEEL REDUCER BUSH

CATEGORY :

Submersible Pumps and Pipe Fittings

TECHNICAL DETAILS :

Metal : Mild Steel
Diameter : 1.1/4" X 1" to 4" X 3"
Finishing : Steel Chrome Coated
Thickness : 6 mm to 10 mm
Connection : Thread Type

APPLICATION : Uses for Reducing Pipe Connection for Existing Fittings. Like all Type of Pumps, all Type of Pipes, and Industrial Fittings

DESCRIPTION : Mild Steel Reducer Bush is very Comfortable Fitting for Submersible Pump and Pipe. Where using for Reduce Connection..

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



MILD STEEL EXPANDER BUSH

CATEGORY :

Submersible Pumps and Pipe Fittings

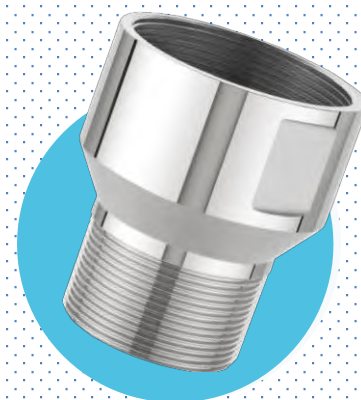
TECHNICAL DETAILS :

Metal : Mild Steel
Diameter : 1" X 1.1/4" to 3" X 4"
Finishing : Steel Chrome Coated
Thickness : 6 mm to 10 mm
Connection : Thread Type

APPLICATION : Uses For Expanding Pipe Connection For Existing Fittings. Like all Type of Pumps, all Type of Pipes and Industrial Fittings.

DESCRIPTION : Mild Steel Expander Bush is Very Comfortable Fitting for Submersible Pump and Pipe. Where Using For Expand Connection.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



STAINLESS STEEL 304 REDUCER BUSH

CATEGORY :

Submersible Pumps and Pipe Fittings

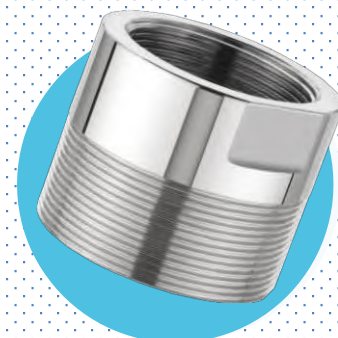
TECHNICAL DETAILS :

Metal : Stainless Steel
Diameter : 1.1/4" X 1" to 5" X 4"
Finishing : Glossy / Matte Steel Finish
Thickness : 5 mm to 8 mm
Connection : Thread Type

APPLICATION : Uses For Reducing Pipe Connection For Existing Fittings. Like all Type of Pumps, all Type of Pipes and Industrial Fittings.

DESCRIPTION : Stainless Steel Reducer Bush is Very Comfortable Fittings For Submersible Pump and Pipe. Where using for Reduce Connection. Special Steel Grade Protect against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



STAINLESS STEEL 304 EXPANDER BUSH

CATEGORY :

Upvc Column Pipe Accessories

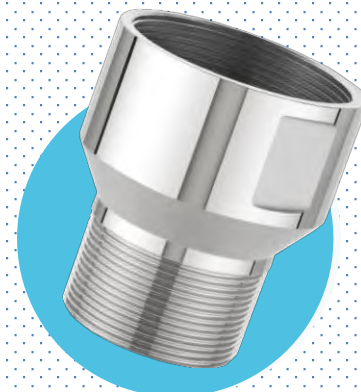
TECHNICAL DETAILS :

Metal : Mild Steel
Diameter : 1" to 4"
Finishing : Glossy / Matte Steel Finish
Thickness : 6 mm to 8 mm
Connection : Thread Type

APPLICATION : Uses For Expanding Pipe Connection For Existing Fittings. Like all Type of Pumps, all Type of Pipes and Industrial Fittings.

DESCRIPTION : Stainless Steel Expander Bush is Very Comfortable Fittings For Submersible Pump and Pipe. Where using for Expand Connection. Special Steel Grade Protect against Corrosion.

WHY SRCPL : Easy to Use, Excellent Quality, Robust and Tensile



Agriculture Pressure Pipes

Balson offered wide range of agriculture pipes which are manufactured as per IS 4985:2000 standard and are available in 63mm to 400mm size in different pressure class pipes with both type of joints i.e. solvent cement type and rubber seal type are available. These pipes are used for variety of applications like agriculture, irrigation, water supply, industrial process lines etc. These pipes are superior to C.I. D.I. or R.C.C. pipes and offer number of advantages like-lightweight, easy and fast installation, excellent corrosion and chemical resistance, high flow rates, long life and economy.



ADVANTAGES

- Odorless and Hygienic
- High Corrosion Resistance
- Smooth Bore
- Self Extinguishing Quality
- Maintenance Free
- Long Lasting
- Economical

PRODUCT RANGE

Available in sizes of outside diameter 63mm to 400mm in the pressure rating of 2.5, 4.0, 6.0, & 10.0 kg/cm²

SPECIFICATIONS

Confirming to IS 4985:2000

APPLICATIONS

- Urban and Rural areas drinking water larger supply scheme.
- Agricultural and large lift irrigation schemes.
- Bio-gas and oil distribution lines.
- Salt water handling.
- Drainage.

COLOR CODE

Class of Pipe	Colour Code
2.5 kg	Red
4.0 kg	Blue
6.0 kg	Green
10.0 kg	Yellow

Agriculture Pressure Pipes

uPVC AGRICULTURE PRESSURE PIPES

2.5 Kg.

2.5 kg (CLASS 1)		
OD (mm)	Inch Equivalent	Wall Thickness Min.-Max. (in mm)
63	2"	NA
75	21.2"	NA
90	3"	1.3 - 1.7
110	4"	1.6 - 2.0
140	5"	2.0 - 2.4
160	6"	2.3 - 2.8
180	7"	2.6 - 3.1
200	8"	2.9 - 3.4
225	9"	3.3 - 3.9
250	10"	3.6 - 4.2
280	11"	4.1 - 4.8
315	12"	4.6 - 5.3
355	14"	5.1 - 5.9
400	16"	5.8 - 6.7

4.0 Kg.

4 kg (CLASS 2)		
OD (mm)	Inch Equivalent	Wall Thickness Min.-Max. (in mm)
63	2"	1.5 - 1.9
75	21.2"	1.8 - 2.2
90	3"	2.1 - 2.6
110	4"	2.5 - 3.0
140	5"	3.2 - 3.8
160	6"	3.7 - 4.3
180	7"	4.2 - 4.9
200	8"	4.6 - 5.3
225	9"	5.2 - 6.0
250	10"	2.7 - 6.5
280	11"	6.4 - 7.4
315	12"	7.2 - 8.3
355	14"	8.1 - 9.4
400	16"	9.1 - 10.5

6.0 Kg.

6 kg (CLASS 3)		
OD (mm)	Inch Equivalent	Wall Thickness Min.-Max. (in mm)
63	2"	2.2 - 2.7
75	21.2"	2.6 - 3.1
90	3"	3.1 - 3.7
110	4"	3.7 - 4.3
140	5"	4.8 - 5.5
160	6"	5.4 - 6.2
180	7"	6.1 - 7.1
200	8"	6.8 - 7.9
225	9"	7.6 - 8.8
250	10"	8.5 - 9.8
280	11"	9.5 - 11.0
315	12"	10.7 - 12.4
355	14"	12.0 - 13.8
400	16"	13.5 - 15.6

10.0 Kg.

10 kg (CLASS 5)		
OD (mm)	Inch Equivalent	Wall Thickness Min.-Max. (in mm)
63	2"	3.5 - 4.1
75	21.2"	4.2 - 4.9
90	3"	5.0 - 5.7
110	4"	6.1 - 7.1
140	5"	7.7 - 8.9
160	6"	8.8 - 10.2
180	7"	9.9 - 11.4
200	8"	11.0 - 12.7
225	9"	12.4 - 14.3
250	10"	13.8 - 15.9
280	11"	15.4 - 17.8
315	12"	17.3 - 19.9
355	14"	19.6 - 22.6
400	16"	22.00 - 25.3



BALSON[®]

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