MARKED PIPES & FITTINGS

SKIPPER PIPES

INDIA'S SAFEST PIPES

PROGRESS IN THE PIPELINE

Precision in Every Joint, Excellence in Every Flow

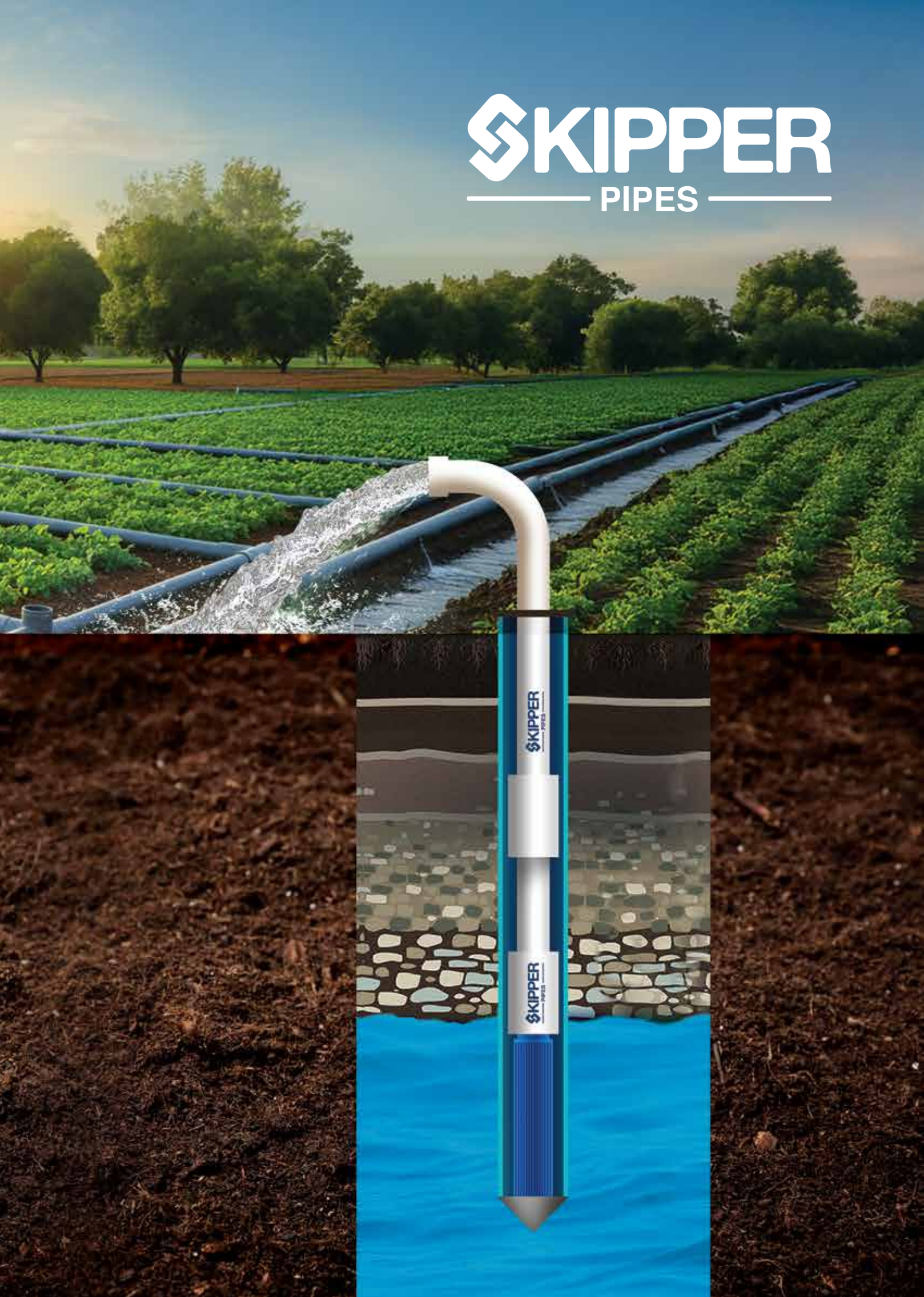
IMS CERTIFIED ISO 9001:2015
ISO 14001:2015 AND 45001:2018

COMPLETE SOLUTION FOR

BOREWELL SYSTEM

Borewell & Tubewell Application

SKIPPER
PIPES



WHY SKIPPER COLUMN PIPES ARE THE BEST CHOICE ?

These features highlight Skipper's focus on quality, innovation, and customer needs.

1. **Material:** Made from uPVC, ensuring non-corrosive properties.
2. **High-tech and high-tensile:** Providing strength and durability.
3. **Uniform thickness:** Achieved through thick and thin technology.
4. **Square threads:** Adding extra strength to the pipes.

FOLLOWING SIZE & CATEGORY OF PIPES ARE AVAILABLE

SL NO	CATERGORY	NOMINAL SIZE(DN)
1	V4 - 10	25 ,32, 40, 50, 65, 80 & 100 MM (1", 11/4" ,11/2",2",21/2",3" & 4“)
2	V4 - 12.5	25 ,32, 40, 50, 65, & 80 MM (1", 11/4" ,11/2",2",21/2“ & 3")
3	S-15	25 & 32 MM (1“ & 11/4“)
4	SILVER	25 ,32 & 40 MM (1", 11/4" ,11/2“)
5	GOLD	25 ,32, 40, 50, 65, 80 & 100 MM (1", 11/4" ,11/2",2",21/2",3" & 4“)
6	DIAMOND	25 ,32, 40, 50, 65, 80 & 100 MM (1", 11/4" ,11/2",2",21/2",3" & 4“)
7	SUPER HEAVY	50, 65, 80 & 100MM (2",21/2",3" & 4“)

SKIPPER SAFETY LOCK WITH SS WIRE

Sr. No	Property Requirement For Drop/Riser Pipes	Skipper Pipes	Mild Steel Or Galvanized Steel Pipes	HDPE Pipes
1	1.Rigidity requirement so that Drop / Riser pipes and pump is vertical for proper NRV function.	Pipes are rigid	Pipes are rigid	pipes are flexible hence not suitable for Drop/Riser application. Pipes are also soft and over long term use with heavy pump set they elongate and lose their shape permanently. In the process of elongation they become thin and break.
2	Strong threaded joint required for holding the column & submersible pump load.	Specially designed square threaded have very load holding capacity & these thread do not corrode or rust or deteriorate.	The threads are prone to corrosion and rusting. Since the threads do not have a layer of Galvanization, after 2-3 years of use the old thread have to be cut out and new threads have to be made on the pipes on lathe machine due to rusting problem. Money & method Spent in making new threads and user end up with shorter length of pipe.	The thread cannot be formed these pipes are soft and therefore the jointing of the pipe with the pump or at the top with any fixture is simple push type joint.
3	Leak proof joint is required for saving every drop of water.	Special rubber seals are provided with the thread to ensure 100% leakproof at high pump pressure.	These thread are not pressure tight & do not have any rubber sealing system. Therefore, not leak proof.	Thread are weak & open up during use.
4	Smooth Internal Surface	Since Internal Surface are very smooth therefore head loss due to friction is low and water discharge is more by 10 % to 30 %	Internal surface is rough & head loss is high.	Internal surface not as and smooth as skipper pipes.
5	Light Weight of pipe & easy in installation.	Pipes come in 3 metres standard length and are light weight for easy handling both during pump fitment and also removal.	Pipes are heavy and great effort is required for installation and removal of pumps. In deeper bore wells column pipe become very heavy and are prone to accident during handling.	Become hard and can not be rolled back during removal. Pulling with tractor disturbs the crop.
6	Long life.	Skipper Drop/Riser pipes do not react with acidic or alkaline water and also have a very long life inside the borewell	Steel pipes are prone to rust, corrosion and ultimately get damaged & have to replaced very quickly.	Strength of material being very less ,Very thick pipe are required for high pressure application. This reduce the internal area of water flow considerably. Hence thin pipe pipe are used for high pressure application and the pipe brust in 2-3 days.

FEATURES & ADVANTAGE OF SKIPPER COLUMN PIPES

PVC PIPE JOINT SYSTEM WITH COUPLER AND SAFETY LOCK WITH SS WIRE FOR EXTRA PUMP SAFETY

Skipper Pipes' Safety lock with SS Wire coupler design is a unique feature that enhances pump safety. Here's how it works

Key Features: The couplers are designed for pipe sizes ranging from 32 mm OD (1 1/4") to 100 mm OD (4").

Wirelock Mechanism: A special stainless steel wire locks the coupler in place, preventing it from coming loose during pump installation or removal.

Benefits: This design prevents pipe slippage, ensuring a secure connection and minimizing potential damage or accidents.

Uniqueness: The Safety lock with SS Wire system is a proprietary design exclusive to Skipper Pipes, showcasing their commitment to innovation and product value.

FEATURE OF SKIPPER UPVC COLUMN PIPE

High Tensile Strength: They can withstand heavy loads and pressures.

Leak-Proof Joints: Secure and tight fits prevent water wastage and ensure efficient performance.

Chemical Resistance: They're resistant to harsh chemicals, acidic water, and alkaline substances.

UV Resistance: They can withstand exposure to sunlight without compromising performance.

Hygienic: Skipper uPVC pipes very hygienic, ensuring safe and healthy water flow .

Thick & Thin: The technique involves making pipes thicker at the threading end to account for material removal during threading. The residual thickness after threading remains the same as the barrel thickness, ensuring consistent pipe strength.

Square Type Thread: Preventing slipping and ensuring a tight fit. Maintaining grip even under constant forward and reverse torque.

Rubber Seal Ring: Designed to withstand increased pressure, making it suitable for demanding applications. Ensures a secure connection, preventing water loss and potential damage.

Bi-Axial Orientation: Skipper's Bi-axial orientation technique during column pipe extrusion enhances pipe strength with Higher drop impact and notch impact strength.

UNIQUE BENEFITS OF PVC COLUMN PIPES

Wirelock Joint Technology (Steel Wire Locking System)

- High-tensile steel wire mechanically locks the male and female threads.
- Delivers exceptional tensile strength and ensures zero slippage under deep borewell stress.
- Ideal for high horsepower submersible pumps.

Biaxial Orientation (Biax Technology)

- PVC molecules are aligned axially and circumferentially.
- Delivers:
  - Higher tensile & impact strength
  - Increased pressure rating
- Supports greater column load with lighter pipe sections.

Specially Engineered PVC Compound

- Made from a high-grade resin blend for extreme underground conditions.
- Offers:
  - Thermal and UV resistance
  - Chemical inertness to minerals and salts
  - Enhanced longevity in diverse water chemistries

Square Thread Design

- Heavier and deeper threads than standard threads.
- Offers:
  - Better load distribution
  - Higher torque resistance
  - Secure and damage-resistant connections
- Reduces the chance of thread stripping during tightening or removal.

Multiseal Rubber Ring

- Multiple sealing lips ensure a watertight seal, even under pressure fluctuations.
- Benefits include:
  - Zero water leakage
  - Shock and vibration absorption
  - Prevention of sand/grit intrusion into joints
- Enhances pipe life and pump safety in high-vibration environments.

Rustproof & Corrosion-Resistant

- Unaffected by groundwater containing iron, salt, or acidic elements.
- No scaling, clogging, or chemical degradation like with GI or MS pipes.

Lightweight & Easy Installation

- Easier handling, transport, and vertical lifting.
- Ideal for manual and machine-assisted borewell installations.

High Load & Pressure Bearing

- Combines Biax, Wirelock, and square thread advantages to handle:
  - Deep bore depths (over 1000 ft)
  - Heavy pumps (up to 25+ HP)
  - High hydrostatic pressure without joint failure

Leak-Proof & Vibration-Resistant

- Square threads + multiseal rubber ring = tight, secure, leak-free joint.
- Absorbs pump thrust, preventing wear and vibration-related failures.

Cost-Effective, Long-Life Solution

- Reduced breakage, minimal maintenance, and extended operational life (up to 50 years).
- No need for frequent replacements or anti-corrosive treatments like GI pipes.

Smooth Bore for Better Flow

- Low friction loss inside the pipe ensures higher water discharge rates.
- No buildup of deposits or scaling inside the pipe over time.

LOAD AND PRESSURE TECHNICAL CHART

TYPE AND SIZE OD - Outside Dia DN - Nominal Dia	Ultimate breaking load (Kgf)	Safe pulling load with chain pulley (Kgf)	Safe allowable hydrostatic pressure IN Kg/cm2	Safe total pump delivery Head in mtr
25MM V4-10	691.7	419.2	10	100
25MM V4-12.5	839.9	509	12.5	125
25MM S-15	988.1	598.9	15	150
25MM SILVER	1334	808.5	21	210
25MM GOLD	1803.3	1092.9	29	290
25MM DIAMOND	2025.6	1227.7	33	330
32MM V4 -10	1123.5	680.9	10	100
32MM V4-12.5	1310.7	794.4	12.5	125
32MM S-15	1560.4	945.7	15	150
32MM SILVER	2153.3	1305	21	210
32MM GOLD	2496.6	1513.1	25	250
32MM DIAMOND	3464	2099.4	36	360
40mm V4-10	1500.3	909.3	10	100
40MM V4-12.5	1750.4	1060.8	12.5	125
40MM SILVER	2572	1558.8	19	190
40MM GOLD	3072.1	1861.9	23	230
40MM DIAMOND	4215.2	2554.6	33	330
50MM V4-10	2227.5	1350	10	100
50MM V4 12.5	2673	1620	12.5	125
50MM GOLD	3965	2403	19	190
50MM DIAMOND	5301.5	3213	26	260
50MM SP HEAVY	6905.3	4185	35	350
65MM V4-10	3452.6	2092.5	10	100
65MM GOLD	5902.9	3577.5	18	180
65MM DIAMOND	7128	4320	22	220
65MM SP HEAVY	10747.7	6513.8	35	350
80MM V4-10	4704.5	2851.2	10	100
80MM V-12.5	5749.9	3484.8	12.5	125
80MM GOLD	7710.1	4672.8	17	170
80MM DIAMOND	9016.9	5464.8	20	200
80MM SP HEAVY	14766.8	8949.6	35	350
100MM V-10	7719	4678.2	10	100
100MM GOLD	12165.9	7373.3	16	160
100MM SP HEAVY	24415.6	14797.4	35	350
100MM DIAMOND	13424.4	8136	18	180

The delivery head is available in the pump performance chart of the pump manufacturer. It is the maximum head of pump at which discharge becomes zero. We also manufacture of ASTM category of column pipe.

SPECIFICATIONS OF SKIPPER COLUMN PIPES

DN - Nominal Dia	Type	OD Min. (in mm)	OD Max. (in mm)	WL at End Min. (in mm)	WL at End Max. (in mm)	WL at barrel Min.(in mm)	WL at barrel Max.(in mm)	Length (in mm)	Length of Thick portion at both side(mm)
DN-25mm (1")	V4-10 (Bell Type)	33.27	33.53	3.95	4.25	1.4	1.6	3005±5mm	130
DN-25mm (1")	V4-10 (Socket Type)	33.27	33.53	3.95	4.25	1.4	1.6	3005±5mm	130
DN-25mm (1")	V4-12.5 (Bell Type)	33.27	33.53	3.95	4.25	1.7	2	3005±5mm	130
DN-25mm (1")	V4-12.5 (Socket Type)	33.27	33.53	3.95	4.25	1.7	2	3005±5mm	130
DN-25mm (1")	S-15 (Bell Type)	33.27	33.53	4	4.45	2	2.3	3005±5mm	130
DN-25mm (1")	S-15 (Socket Type)	33.27	33.53	4	4.45	2	2.3	3005±5mm	130
DN-25mm (1")	SILVER (Bell Type)	33.27	33.53	4.2	4.5	2.7	3	3005±5mm	130
DN-25mm (1")	SILVER (Socket Type)	33.27	33.53	4.2	4.5	2.7	3	3005±5mm	130
DN-25mm (1")	GOLD (Bell Type)	33.27	33.53	4.7	5	3.65	3.95	3005±5mm	130
DN-25mm (1")	GOLD (Socket Type)	33.27	33.53	4.7	5	3.65	3.95	3005±5mm	130
DN-25mm (1")	DIAMOND (Bell Type)	33.27	33.53	4.1	4.4	4.1	4.4	3005±5mm	130
DN-25mm (1")	DIAMOND (Socket Type)	33.27	33.53	4.1	4.4	4.1	4.4	3005±5mm	130
DN-32mm (11/4")	V4 -10 (Bell Type)	42.03	42.29	3.8	4	1.8	1.9	3005±5mm	180
DN-32mm (11/4")	V4-10 (Socket Type)	42.03	42.29	3.8	4	1.8	1.9	3005±5mm	180
DN-32mm (11/4")	V4-12.5 (Bell Type)	42.03	42.29	3.8	4	2.1	2.3	3005±5mm	180
DN-32mm (11/4")	V4-12.5 (Socket Type)	42.03	42.29	3.8	4	2.1	2.3	3005±5mm	180
DN-32mm (11/4")	S-15 (Bell Type)	42.03	42.29	4.2	4.35	2.5	2.6	3005±5mm	180
DN-32mm (11/4")	S-15 (Socket Type)	42.03	42.29	4.2	4.35	2.5	2.6	3005±5mm	180
DN-32mm (11/4")	SILVER (Bell Type)	42.03	42.29	4.8	5	3.45	3.75	3005±5mm	180
DN-32mm (11/4")	SILVER (Socket Type)	42.03	42.29	4.8	5	3.45	3.75	3005±5mm	180
DN-32mm (11/4")	GOLD (Bell Type)	42.03	42.29	5.4	5.6	4	4.3	3005±5mm	180
DN-32mm (11/4")	GOLD (Socket Type)	42.03	42.29	5.4	5.6	4	4.3	3005±5mm	180
DN-32mm (11/4")	DIAMOND (Bell Type)	42.03	42.29	5.55	5.85	5.55	5.85	3005±5mm	-
DN-32mm (11/4")	DIAMOND (Socket Type)	42.03	42.29	5.55	5.85	5.55	5.85	3005±5mm	-
DN-40mm (11/2")	40mm V4-10 (Socket Type)	48.11	48.41	4.65	4.85	2.1	2.4	3005±5mm	180
DN-40mm (11/2")	40MM V-12.5 (Socket Type)	48.11	48.41	4.8	4.9	2.45	2.65	3005±5mm	180
DN-40mm (11/2")	SILVER(Bell Type)	48.11	48.41	4.8	4.9	3.6	3.8	3005±5mm	180
DN-40mm (11/2")	SILVER (Socket Type)	48.11	48.41	4.8	4.9	3.6	3.8	3005±5mm	180
DN-40mm (11/2")	GOLD (Bell Type)	48.11	48.41	5	5.5	4.3	4.5	3005±5mm	180
DN-40mm (11/2")	GOLD (Socket Type)	48.11	48.41	5	5.5	4.3	4.5	3005±5mm	180
DN-40mm (11/2")	DIAMOND (Bell Type)	48.11	48.41	5.9	6.1	5.9	6.1	3005±5mm	-
DN-40mm (11/2")	DIAMOND (Socket Type)	48.11	48.41	5.9	6.1	5.9	6.1	3005±5mm	-
DN-40mm (11/2")	40mm V4-10 (Socket Type)	48.11	48.41	4.65	4.85	2.1	2.4	3005±5mm	180
DN-40mm (11/2")	40MM V4-12.5 (Socket Type)	48.11	48.41	4.8	4.9	2.45	2.65	3005±5mm	180
DN-40mm (11/2")	SILVER(Bell Type)	48.11	48.41	4.8	4.9	3.6	3.8	3005±5mm	180
DN-40mm (11/2")	SILVER (Socket Type)	48.11	48.41	4.8	4.9	3.6	3.8	3005±5mm	180
DN-40mm (11/2")	GOLD (Bell Type)	48.11	48.41	5	5.5	4.3	4.5	3005±5mm	180
DN-40mm (11/2")	GOLD (Socket Type)	48.11	48.41	5	5.5	4.3	4.5	3005±5mm	180
DN-40mm (11/2")	DIAMOND (Bell Type)	48.11	48.41	5.9	6.1	5.9	6.1	3005±5mm	-
DN-40mm (11/2")	DIAMOND (Socket Type)	48.11	48.41	5.9	6.1	5.9	6.1	3005±5mm	-
DN-50mm (2")	V4-10 (Socket Type)	60	60.2	5	5.3	2.5	2.7	3005±5mm	180
DN-50mm (2")	V4-12.5 (Socket Type)	60	60.2	5	5.2	3	3.2	3005±5mm	180
DN-50mm (2")	GOLD (Socket Type)	60	60.2	5.8	6	4.45	4.65	3005±5mm	180
DN-50mm (2")	DIAMOND (Socket Type)	60	60.2	5.95	6.25	5.95	6.3	3005±5mm	-
DN-50mm (2")	SUPER HEAVY (Socket Type)	60	60.2	7.75	8	7.75	8	3005±5mm	-
DN-65mm (21/2")	V4 -10(Socket Type)	75	75.3	5.5	5.7	3.1	3.3	3005±5mm	180
DN-65mm (21/2")	GOLD (Socket Type)	75	75.3	5.3	5.6	5.3	5.6	3005±5mm	180
DN-65mm (21/2")	DIAMOND (Socket Type)	75	75.3	6.4	6.7	6.4	6.7	3005±5mm	-
DN-65mm (21/2")	SUPER HEAVY (Socket Type)	75	75.3	9.65	9.85	9.65	9.85	3005±5mm	-
DN-80mm (3")	V4 (Socket Type)	88	88.3	5.3	5.5	3.6	3.8	3005±5mm	180
DN-80mm (3")	V4-12.5 (Socket Type)	88	88.3	5.8	6	4.4	4.6	3005±5mm	180
DN-80mm (3")	GOLD (Socket Type)	88	88.3	7.3	7.5	5.9	6.2	3005±5mm	180
DN-80mm (3")	DIAMOND (Socket Type)	88	88.3	8.5	8.7	6.9	7.1	3005±5mm	180
DN-80mm (3")	SUPER HEAVY (Socket Type)	88	88.3	11.3	11.5	11.3	11.5	3005±5mm	-
DN-100mm (4")	V4-10 (Socket Type)	113	113.3	6.25	6.4	4.6	4.8	3005±5mm	180
DN-100mm (4")	GOLD (Socket Type)	113	113.3	7.5	7.6	7.25	7.5	3005±5mm	180
DN-100mm (4")	SUPER HEAVY (Socket Type)	113	113.3	14.55	14.8	14.55	14.8	3005±5mm	-
DN-100mm (4")	DIAMOND (Socket Type)	113	113.3	8	8.3	8	8.3	3005±5mm	-

QUALITY CONTROL PROCEDURES AT SKIPPER

The pipes and couplers manufactured at Skipper, follow a A rigorous process ensures high standards.- to supply reliable, defect-free products to its users.

Test	Standard
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
Joint Pressure Test	As per IS 12235-2004 Should be one or two times of working pressure (depending on size)
Specific Gravity	As per IS 12818-1992 Between 1.40 - 1.44

COLOUR CODING OF PIPES

The colour coding for different classes of pipe is given below.

Class of Pipe	Printing Colour	
V4-10	Black	
V4-12.5	Black	
S-15	Yellow	
SILVER	Red	
GOLD	Blue	
Diamond	Green	
Super Heavy	Yellow	

HANDLING, STORAGE AND BUNDLING OF PIPES

No. of pipes packed in each Skipper bundle

Size (inch)	Type	Number of pipes in each bundle
1	V4-10	25
	V4-12.5	25
	S-15	25
	SILVER	25
	GOLD	25
	DIAMOND	25
1¼	V4-10	25
	V4-12.5	25
	S-15	25
	SILVER	25
	GOLD	25
	DIAMOND	25
	V4-10	25
1½	V4-12.5	25
	SILVER	25
	GOLD	25
	DIAMOND	25
2	V4	10
	V-12.5	10
	GOLD	10
	DIAMOND	10
	SUPER HEAVY	10

Size (inch)	Type	Number of pipes in each bundle
2½	V4-10	5
	GOLD	5
	DIAMOND	5
3	SUPER HEAVY	5
	V4-10	5
	S-12.5	5
4	GOLD	5
	DIAMOND	5
	SUPER HEAVY	5
	V4-10	4
	GOLD	4
	SUPER HEAVY	4

HANDLING OF PIPES

When receiving pipes, it's essential to inspect them for potential damage. Here are some key points to consider.

Transport Damage: Check for signs of damage caused by shifting loads or improper handling during transportation.

Visual Inspection: Examine the pipe ends for cracks, dents, or other forms of damage.

Handling Precautions: Avoid throwing, dropping, dragging, or pushing pipes, as this can cause damage.

Protection from Sharp Objects: Keep pipes away from sharp objects to prevent scratches or damage.

STORAGE OF PIPES

Proper storage is crucial for maintaining pipe quality. Key storage guidelines include:

Indoor Storage: Preferably store pipes indoors to protect them from environmental factors.

UV Protection:- If outdoor storage is necessary, cover bundles to prevent sunlight exposure and UV damage.-

Stacking Height: Limit stacking height to 7 feet to prevent damage and instability.

Stacking Technique: Alternatively, pipes can also be stacked with adjacent layers lying at right angles to each other to ensure stability and prevent damage.

Level Ground: Store pipes on level ground, free from sharp objects.

Pipe Placement: Store heavier pipes below lighter ones when stacking different classes together.

Dry Surface: Ensure the storage surface is dry to prevent damage or degradation.

HELPFUL TIPS

Pipe & Pump Safeguard During Dry Running

When dealing with low-yield bore wells, it's crucial to prevent pump dry running to avoid damage to the pump and connected pipes. Here are some strategies to address this issue:

Timer Switch: Use a timer switch to automatically shut off the pump after a preset time, preventing dry running.

Hand-Operated Valve: Install a partially open hand-operated valve at the top of the bore well to limit water flow and prevent the pump from running dry.

Steel Pipe Connection: Connect a steel pipe (typically 3 meters long) between the pump and column pipe to dissipate heat generated during dry running.

SELECTION OF PIPE

CATERGORY	NOMINAL SIZE	RANGE
V4-10/V-12.5	1”, 1 ¼”, 1½”	Upto 100 mm Sub Pump
	2”, 2½” & 3”	Upto 150 mm Sub Pump
	3” & 4”	Upto 200 mm Sub Pump
	4”	Upto 250 mm Sub Pump
S-15	1”, 1 ¼”	Upto 100 mm Sub Pump
SILVER	1", 11/4" ,11/2"	Upto 100 mm Sub Pump
GOLD	1”, 1 ¼”, 1½”	Upto 100 mm Sub Pump
	2”, 2½” & 3”	Upto 150 mm Sub Pump
	3” & 4”	Upto 200 mm Sub Pump
	4”	Upto 250 mm Sub Pump
DIAMOND	1”, 1 ¼”, 1½”	Upto 100 mm Sub Pump
	2”, 2½” & 3”	Upto 150 mm Sub Pump
	3” & 4”	Upto 200 mm Sub Pump
	4”	Upto 250 mm Sub Pump
SUPER HEAVY	2”, 2½” & 3”	Upto 150 mm Sub Pump
	3” & 4”	Upto 200 mm Sub Pump
	4”	Upto 250 mm Sub Pump

BOREWELL SYSTEM

IS 12818

SKIPPER PIPES

WHEN SELECTING PIPES FOR A PUMPING SYSTEM, CONSIDER

Pipe Class: Choose from V-10,V-12.5,S-15,Silver,Gold,Diamond & Super Heavy classes based on the pump's delivery pressure.

Hydrostatic Pressure: Ensure the pipe's allowable pressure rating exceeds the pump's delivery pressure.

Pressure Drop: Account for pressure drop due to elevation: approximately 1 kg/cm² for every 10 meters above the pump.

INSTALLATION GUIDE

1

To connect the metal connector to the submersible pump Use a Chain Wrench & Ensure Proper Fit.

2

Before assembling pipes Clean Threads by using fresh water.

3

Before assembling the pipes, ensure that the pump guard is installed properly to Prevent Damage.

4

When working with pipes and adaptors Hold Coupling Securely by hand.

5

Initially tighten the pipe by hand until half of the rubber ring is visible and If necessary, use a rope or felt wrench to give a final twist for a secure connection.

6

When lowering Skipper pipes,Position the clamp below the coupler to secure the pipe. Clamp the top adaptor to the last pipe for added stability.

7

When working with pipes and adaptors Hold Coupling Securely by hand.

SAFETY PRECAUTIONS:

When assembling Skipper uPVC column pipes:-

Avoid: Do not apply grease or vegetable oil on square thread pipe joints.

Recommended: Use pure water or soap water (toilet soap) for pipe fastening.

DO'S AND DONT'S

DO'S

- Check and clean pipe threads with normal water before assembly to ensure proper jointing and prevent leaks.
- Ensure rubber seals are correctly positioned and not twisted or damaged to avoid leakage.
- Install a pump guard between the pipe coupler and pump metal adaptor, especially in areas with high pump vibration.
- Use a rope or strap wrench (not a metal pipe/chain wrench) to tighten pipe joints securely but gently.
- Attach a nylon rope to the cast iron adaptor as a precaution to prevent the submersible pump from dropping.
- Clamp the pipe below the coupler when lowering it into the borewell and use a chain pulley for safe handling.

DONT'S

- Do not use any chemicals or lubricants (including oil) on pipe threads while cleaning or assembling.
- Do not overtighten the joints to avoid pipe breakage.
- Do not use a pipe/chain wrench to tighten the joints; use only a rope/strap wrench.
- Do not hammer the pipes during assembly.
- Avoid dumping gravel at a high rate to prevent excessive abrasion of the pipes.

Complete range of Polymer Piping System & Bath Fittings

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