

# TRUFLO<sup>®</sup> by hindware

Pipes & Fittings

Column Pipe for Borewell Application



Truflo by Hindware offers world-class Pipes & Fitting solutions in adherence to the legacy of trust and commitment garnered by their flagship brand Hindware over the past 6 decades.

Over the decades, the flagship brand 'Hindware' has emerged as a leading Indian sanitaryware and faucet brand, driven by consistent innovation.

From being the first to bring Fine Vitreous China Sanitaryware to the Indian consumers to providing complete bathroom solutions, the brand has grown from strength to strength, and over the years continued its efforts in the pursuit of excellence.

In the year 2018, the company entered into the synergic domain of PVC Pipes & Fittings, under the brand name 'Truflo by Hindware.' Truflo launched its comprehensive range of CPVC UPVC, SWR and PVC Pipes and Fittings in the initial year itself.

Truflo range of pipes and fittings are manufactured at an expansive state of the art, completely automated plant spread across 20 acres. The facility is India's 1st "Platinum Rated" Green Factory Building by IGBC and GreenCo Platinum Rated by CII, in the PVC Industry.

In the pursuit of offering world class pipes & fittings solutions, Truflo introduces Column Pipes for borewells. Truflo Column Pipes are a master piece, manufactured with a specially developed Coaxial Orientation Technology and Double Grip High-tensile Brass Locking System.



## TRUFLO<sup>®</sup> by hindware

UPVC COLUMN PIPES FOR BOREWELL APPLICATION

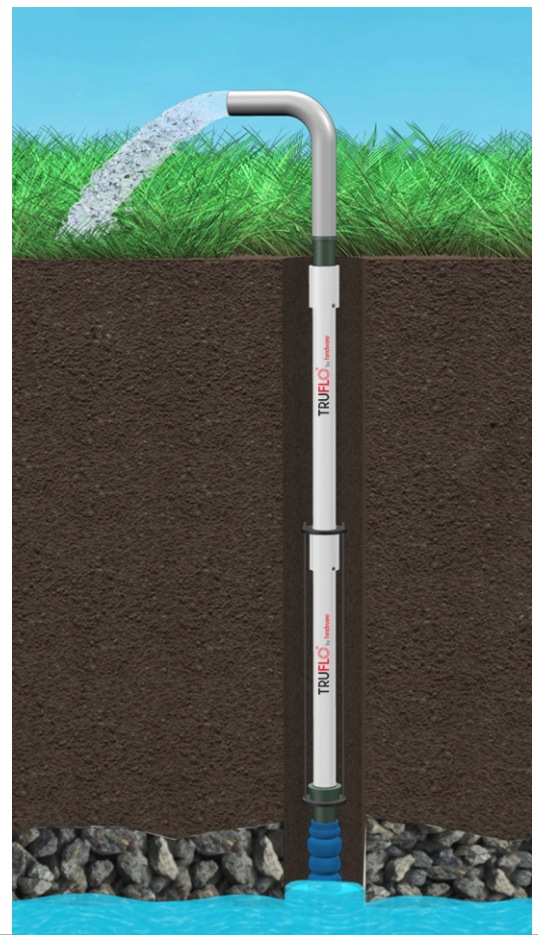


### Highlights

- Ultra Light weight when compared to metal pipes.
- Easy & convenient to install, when compared to G.I. pipes.
- High load bearing capacity.
- Leak proof joints with Cup Seal Ring.
- Threaded pipe joint coupler with Double Grip Locking System (Patent pending).
- Coaxial Orientation Technology for high pipe strength.
- Lead free, no effect of pipe material on water.
- UV stabilised ensuring no microbial growth.
- Frictionless discharge helps electricity savings enhanced water flow by 10% to 30% and increased life efficiency of motor pump.
- Product from the "House of Hindware" - a company with 6 decades of trust in Indian market.

### Superior Technology

Carefully planned manufacturing process employs a specially developed technique where the pipe is stretched in both circumferential and axial directions, and is aligned to provide supreme strength on both sides. This enhances its key material properties such as tensile strength, heavy pressure bearing strength, high impact strength and load bearing strength.



## Superior Advantages



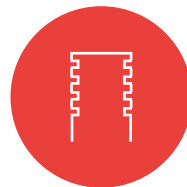
### Lead free 100% Hygienic

Truflo Column Pipes are manufactured from the compound which is free from lead and other heavy metals. By using UPVC Column Pipes, the threat of rusting and corrosion of pipes is eliminated, which is prominent in metal pipes. It is 100% safe for drinking water.



### Double grip High-tensile brass locking system

Double Grip Locking System (Patent pending) made with heavy tensile metal is developed to prevent slippage of the UPVC column pipe from the UPVC Coupler. This locking system eliminates the chances of the coupler loosening and column pipe slipping during the dismantling process. This locking system also absorbs the torque generated during switching on and switching off of the pump.



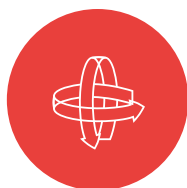
### Square Threads on Pipes & Couplers

For the perfect fit of a Column Pipe to a coupler, special Square Threads are developed for a stable joint. Accurate square threads provide maximum area of contact between the threads of the pipe and the coupler because of which there is no slippage of threads and makes the joint stronger to withstand the load in the system.



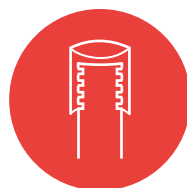
### Light Weight Easy for transportation

There is complete ease of installation, as Truflo UPVC Column pipes are light in weight.



### Coaxial Orientation Technology

Truflo Column Pipes are manufactured with Coaxial Orientation Technology where the molecules are typically oriented resulting in high impact strength.



### Special Cover Cap

Special cover is provided to protect the pipe at male threaded portion from damages during material handling.



### Leak Proof with Cup Seal Ring

Specially designed Cup Seal Ring is developed to ensure a higher contact area between pipe and coupler providing leak free joint and provide sufficient flexibility to absorb the torque / vibrations.

## Accessories



**Pump Guard**



**CI Top with  
Flange, Double Clamp**



**CI Top with  
Flange, Single Clamp**



**Lowering Jig (SIGRI)**



**Bottom adapter**



**CI Reducer Bottom**



**SS Bottom Adaptor**



**SS Top with  
Flange Double Clamp**

### Top Adapter

Without flange (1", 1¼", 1½", 2", 2½", 3")

With flange and double coupling length (1", 1¼", 1½", 2, 2½", 3", 4")

With flange and single coupling length (1", 1¼", 1½", 2", 2½", 3", 4")

### Bottom Adapter

Bottom Adapter (1", 1", 1", 2", 2", 3", 4")

With flange (1", 1¼", 1½", 2½")

Reducer (1¼" x 1", 1½" x 1¼", 1½" x 1", 2" x 1½", 2½" x 2", 3" x 2½", 4" x 3")

Expander (1" x 1¼", 1¼" x 1½", 1½" x 2", 2" x 2½", 2½" x 3")



| Size / Type              | V, 12.5<br>(available in bell & coupler jointing) |                         | V, 15<br>(available in bell & coupler jointing) |                       | Crystal<br>(available in bell & coupler jointing) |                       | Standard<br>(available in coupler jointing) |                       | Eco Medium<br>(available in coupler jointing) |                      | Medium<br>(available in coupler jointing) |                       | Heavy<br>(available in coupler jointing) |                       |
|--------------------------|---|-------------------------|---|-----------------------|---|-----------------------|---|-----------------------|---|----------------------|---|-----------------------|--|-----------------------|
| Colour coding / printing | Orange  |                         | Purple  |                       | Green   |                       | Red   |                       | Purple  |                      | Orange                                    |                       | Blue                                     |                       |
|                          | Available   | Pressure Rating         | Available                                       | Pressure Rating       | Available   | Pressure Rating       | Available                                   | Pressure Rating       | Available                                     | Pressure Rating      | Available                                 | Pressure Rating       | Available                                | Pressure Rating       |
| 1"                       | ✓   | 12.5 kg/cm <sup>2</sup> | ✓   | 15 kg/cm <sup>2</sup> | ✓   | 21 kg/cm <sup>2</sup> | ✓**   | 30 kg/cm <sup>2</sup> |   |                      |   |                       |  |                       |
| 1¼"                      | ✓   | 12.5 kg/cm <sup>2</sup> | ✓   | 15 kg/cm <sup>2</sup> | ✓   | 21 kg/cm <sup>2</sup> | ✓**   | 25 kg/cm <sup>2</sup> |   |                      |   |                       | ✓  | 35 kg/cm <sup>2</sup> |
| 1½"                      | ✓   | 12.5 kg/cm <sup>2</sup> | ✓   | 15 kg/cm <sup>2</sup> | ✓   | 21 kg/cm <sup>2</sup> | ✓   | 26 kg/cm <sup>2</sup> |   |                      |   |                       | ✓  | 35 kg/cm <sup>2</sup> |
| 2"                       |   |                         |   |                       | ✓*  | 17 kg/cm <sup>2</sup> | ✓   | 20 kg/cm <sup>2</sup> | ✓   | 8 kg/cm <sup>2</sup> | ✓   | 13 kg/cm <sup>2</sup> | ✓  | 27 kg/cm <sup>2</sup> |
| 2½"                      |   |                         |   |                       |   |                       | ✓   | 16 kg/cm <sup>2</sup> |   |                      | ✓   | 10 kg/cm <sup>2</sup> | ✓  | 26 kg/cm <sup>2</sup> |
| 3"                       |   |                         |   |                       |   |                       | ✓   | 17 kg/cm <sup>2</sup> |   |                      | ✓   | 11 kg/cm <sup>2</sup> | ✓  | 26 kg/cm <sup>2</sup> |
| 4"                       |   |                         |   |                       |   |                       | ✓   | 15 kg/cm <sup>2</sup> | ✓   | 8 kg/cm <sup>2</sup> | ✓   | 10 kg/cm <sup>2</sup> | ✓  | 26 kg/cm <sup>2</sup> |

\*Available in coupler

\*\*Available in Bell and Coupler

## Our Other Product Range



**CPVC PLUMBING SYSTEM  
FOR HOT AND COLD WATER**



**SWR PIPING SYSTEM  
FOR SANITARY WASTE WATER  
APPLICATION**



**UPVC PLUMBING SYSTEM  
FOR COLD WATER**



**PVC PIPING SYSTEM  
FOR POTABLE WATER  
TRANSPORTATION**