

## The Essence of Quality



 **SWASTIK**<sup>TM</sup>  
Manufacturer of UPVC Pipes



# **SWASTIK**<sup>TM</sup>

ISI MARKED RIGID PVC PIPES

Excellent Quality, Incomparable Performance



IS 4985:2000



**ISO 9001:2000**  
CERTIFIED COMPANY



Product Range: 20 mm to 250 mm in class - 1, 2, 3 and 5

| Nominal<br>Outside<br>Diameter<br>(nominal Size) | Class 1<br>2.5 kg / cm <sup>2</sup> |     | Class 2<br>4 kg / cm <sup>2</sup> |     | Class 3<br>6 kg |     | Class 5<br>10 kg |      |
|--------------------------------------------------|-------------------------------------|-----|-----------------------------------|-----|-----------------|-----|------------------|------|
|                                                  | Min                                 | Max | Min                               | Max | Min             | Max | Min              | Max  |
| 20.0                                             |                                     |     |                                   |     |                 |     | 1.1              | 1.5  |
| 25.0                                             |                                     |     |                                   |     |                 |     | 1.4              | 1.8  |
| 32.0                                             |                                     |     |                                   |     |                 |     | 1.8              | 2.2  |
| 40.0                                             |                                     |     |                                   |     | 1.4             | 1.8 | 2.2              | 2.7  |
| 50.0                                             |                                     |     |                                   |     | 1.7             | 2.1 | 2.8              | 3.3  |
| 63.0                                             |                                     |     | 1.5                               | 1.9 | 2.2             | 2.7 | 3.5              | 4.1  |
| 75.0                                             |                                     |     | 1.8                               | 2.2 | 2.6             | 3.1 | 4.2              | 4.9  |
| 90.0                                             | 1.3                                 | 1.7 | 2.1                               | 2.6 | 3.1             | 3.7 | 5.0              | 5.7  |
| 110.0                                            | 1.6                                 | 2.0 | 2.5                               | 3.0 | 3.7             | 4.3 | 6.1              | 7.1  |
| 125.0                                            | 1.8                                 | 2.2 | 2.9                               | 3.4 | 4.3             | 5.0 | 6.9              | 8.0  |
| 140.0                                            | 2.0                                 | 2.4 | 3.2                               | 3.8 | 4.8             | 5.5 | 7.7              | 8.9  |
| 160.0                                            | 2.3                                 | 2.8 | 3.7                               | 4.3 | 5.4             | 6.2 | 8.8              | 10.2 |
| 180.0                                            | 2.6                                 | 3.1 | 4.2                               | 4.9 | 6.1             | 7.1 | 9.9              | 11.4 |
| 200.0                                            | 2.9                                 | 3.4 | 4.6                               | 5.3 | 6.8             | 7.9 | 11.0             | 12.7 |
| 225.0                                            | 3.3                                 | 3.9 | 5.2                               | 6.0 | 7.6             | 8.8 | 12.4             | 14.3 |
| 250.0                                            | 3.6                                 | 4.2 | 5.7                               | 6.5 | 8.5             | 9.8 | 13.8             | 15.9 |

#### Application:



Manufacturer

**Swastik Krushi Polypipes Pvt. Ltd.**

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UPVC PIPES ASTM-D : 1785

Setting  
new standards  
in performance



**ISO 9001:2000**  
CERTIFIED COMPANY



## PRODUCT SPECIFICATIONS

| Nominal Bore |     | Mean Outside Diameter (mm) |       | SCH - 40 W.T. (mm) |     | Working Pressure kg/cm <sup>2</sup> | SCH - 80 W.T. (mm) |     | Working Pressure kg/cm <sup>2</sup> | SCH - 120 W.T. (mm) |      | Working Pressure kg/cm <sup>2</sup> |
|--------------|-----|----------------------------|-------|--------------------|-----|-------------------------------------|--------------------|-----|-------------------------------------|---------------------|------|-------------------------------------|
| I nch        | mm  | Min                        | Max   | Min                | Max |                                     | Min                | Max |                                     | Min                 | Max  |                                     |
| 1/4          | 15  | 21.2                       | 21.5  | 2.8                | 3.3 | 21                                  | 3.7                | 4.2 | 29                                  | 4.3                 | 4.8  | 35                                  |
| 3/4          | 20  | 26.6                       | 26.8  | 2.9                | 3.4 | 17                                  | 3.9                | 4.4 | 24                                  | 4.3                 | 4.8  | 27                                  |
| 1            | 25  | 33.3                       | 33.6  | 3.4                | 3.9 | 16                                  | 4.6                | 5   | 22                                  | 5.1                 | 5.7  | 25                                  |
| 1 1/4        | 32  | 42                         | 42.3  | 3.6                | 4.1 | 13                                  | 4.9                | 5.4 | 18                                  | 5.5                 | 6.1  | 21                                  |
| 1 1/2        | 40  | 48.1                       | 48.4  | 3.7                | 4.2 | 12                                  | 5.1                | 5.7 | 17                                  | 5.7                 | 6.4  | 19                                  |
| 2            | 50  | 60.2                       | 60.6  | 3.9                | 4.4 | 10                                  | 5.5                | 6.2 | 14                                  | 6.4                 | 7.1  | 17                                  |
| 2 1/2        | 63  | 72.8                       | 73.2  | 5.2                | 5.8 | 10                                  | 7                  | 7.8 | 14                                  | 7.6                 | 8.5  | 16                                  |
| 3            | 75  | 88.7                       | 89.1  | 5.5                | 6.1 | 9                                   | 7.6                | 8.5 | 13                                  | 8.9                 | 10   | 15                                  |
| 3 1/2        | 90  | 101.4                      | 101.8 | 5.8                | 6.4 | 8.5                                 | 8                  | 9   | 13                                  | 8.9                 | 10   | 15                                  |
| 4            | 110 | 114.1                      | 114.5 | 6                  | 6.7 | 7.5                                 | 8.6                | 9.6 | 11                                  | 11                  | 12.4 | 14                                  |

### Uses

- Modular Kitchen
- Hi-fi bathroom
- For obtaining pure drinking water
- Pipe concept for luxurious residency schemes, hotels and other projects

### Advantages

- Ideal substitute for iron/G.I. pipe
- Three times cheaper than iron pipe
- Long life
- Corrosion-free
- Freedom from threads and hassle-free leak proof joint



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A perfect combination of  
**Quality and Performance**



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## How to install



Clean the profile ring, insides of the socket and the groove of the ring.



Wet the profile ring with clean water, squeeze it into heart shape, snap into the groove, and check the alignment



The pipe's ends, provided with a 15° factory made chafer must be cleaned and coated with lubricant before pushing into the socket. Mark insertion depth if not already provided.



Push together only upto the insertion mark to take care of expansion. For larger diameter pipes, a pipe jack may be used.

## Application:

Bringing safe, sufficient and reliable water at your doorsteps



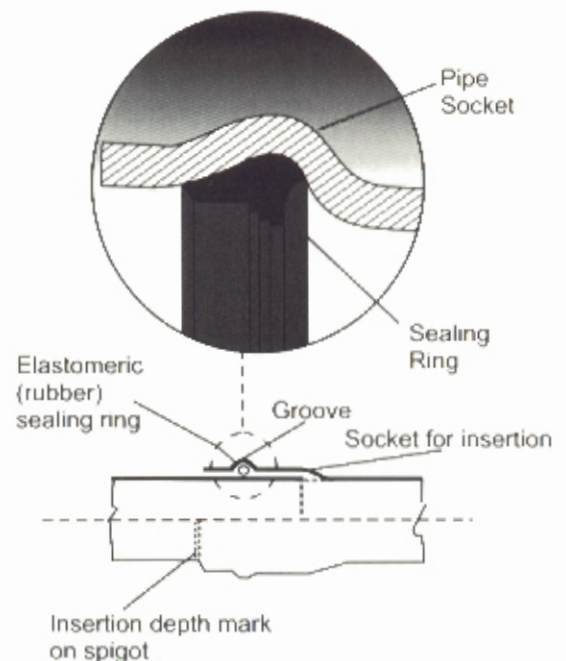
Water distribution project in rural area



Turnkey based Government's pipeline project



Ensuring drinking water security for all



View of assembled joint

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