

**DUTRON**®

uPVC PRESSURE PIPES

# Spreading Joy Enhancing Lives



Dutron uPVC Pressure Pipes are manufactured as per IS 4985:2000. These pipes are available in sizes 20 mm to 400 mm O.D. uPVC Pressure pipes are also available in rubber ring type to provide easy and leak proof joints.



## ○ Key Features

- Light weight.
- Maintenance Free - Resistant to any type of corrosion.
- Safe for conveying potable water.
- High chemical resistance.
- Smooth bore.
- Economical.

## ○ Applications

Irrigation in agriculture, potable water supply, conveying of water under pressure.

## ○ Available Sizes

20 mm to 400 mm O.D.

## ○ Working Pressure

Working Pressure 2.5kg/cm<sup>2</sup> to 10kg/cm<sup>2</sup>

IS : 4985



CML-7117157

## ○ Product Specifications

| IS 4985 : 2000 (Extract) |                                    | Wall Thickness for working pressure classes (mm) |      |                                 |      |                                 |      |                                  |      |                |      |
|--------------------------|------------------------------------|--|------|---------------------------------|------|---------------------------------|------|----------------------------------|------|----------------|------|
| Outside Diameter (mm)    | Tolerance on Outside Diameter (mm) | Class 1<br>2.5 kg/cm <sup>2</sup>                |      | Class 2<br>4 kg/cm <sup>2</sup> |      | Class 3<br>6 kg/cm <sup>2</sup> |      | Class 5<br>10 kg/cm <sup>2</sup> |      | Plumbing Pipes |      |
|                          |                                    | Min.   | Max. | Min.                            | Max. | Min.                            | Max. | Min.                             | Max. | Min.           | Max. |
| 20                       | +0.3                               | -  | -    | -                               | -    | -                               | -    | 1.1                              | 1.5  | 2.8            | 3.3  |
| 25                       | +0.3                               | -  | -    | -                               | -    | -                               | -    | 1.4                              | 1.8  | 2.9            | 3.4  |
| 32                       | +0.3                               | -  | -    | -                               | -    | -                               | -    | 1.8                              | 2.2  | 3.4            | 3.9  |
| 40                       | +0.3                               | -  | -    | -                               | -    | 1.4                             | 1.8  | 2.2                              | 2.7  | 3.6            | 4.2  |
| 50                       | +0.3                               | -  | -    | -                               | -    | 1.7                             | 2.1  | 2.8                              | 3.3  | 3.7            | 4.3  |
| 63                       | +0.3                               | -  | -    | 1.5                             | 1.9  | 2.2                             | 2.7  | 3.5                              | 4.1  | -              | -    |
| 75                       | +0.3                               | -  | -    | 1.8                             | 2.2  | 2.6                             | 3.1  | 4.2                              | 4.9  | -              | -    |
| 90                       | +0.3                               | 1.3  | 1.7  | 2.1                             | 2.6  | 3.1                             | 3.7  | 5.0                              | 5.7  | -              | -    |
| 110                      | +0.4                               | 1.6  | 2.0  | 2.5                             | 3.0  | 3.7                             | 4.3  | 6.1                              | 7.1  | -              | -    |
| 125                      | +0.5                               | 1.8  | 2.2  | 2.9                             | 3.4  | 4.3                             | 5.0  | 6.9                              | 8.0  | -              | -    |
| 140                      | +0.5                               | 2.0  | 2.4  | 3.2                             | 3.8  | 4.8                             | 5.5  | 7.7                              | 8.9  | -              | -    |
| 160                      | +0.5                               | 2.3  | 2.8  | 3.7                             | 4.3  | 5.4                             | 6.2  | 8.8                              | 10.2 | -              | -    |
| 180                      | +0.6                               | 2.6  | 3.1  | 4.2                             | 4.9  | 6.1                             | 7.1  | 9.9                              | 11.4 | -              | -    |
| 200                      | +0.6                               | 2.9  | 3.4  | 4.6                             | 5.3  | 6.8                             | 7.9  | 11.0                             | 12.7 | -              | -    |
| 225                      | +0.7                               | 3.3  | 3.9  | 5.2                             | 6.0  | 7.6                             | 8.8  | 12.4                             | 14.3 | -              | -    |
| 250                      | +0.8                               | 3.6  | 4.2  | 5.7                             | 6.5  | 8.5                             | 9.8  | 13.8                             | 15.9 | -              | -    |
| 280                      | +0.9                               | 4.1  | 4.8  | 6.4                             | 7.4  | 9.5                             | 11.0 | 15.4                             | 17.8 | -              | -    |
| 315                      | +1.0                               | 4.6  | 5.3  | 7.2                             | 8.3  | 10.7                            | 12.4 | 17.3                             | 19.9 | -              | -    |
| 355                      | +1.1                               | 5.1  | 5.9  | 8.1                             | 9.4  | 12.0                            | 13.8 | 19.6                             | 22.6 | -              | -    |
| 400                      | +1.2                               | 5.8  | 6.7  | 9.1                             | 10.5 | 13.5                            | 15.6 | 22.0                             | 25.3 | -              | -    |

**DUTRON**®

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