



# WATER, SEWAGE, GAS LTD

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IS EN 1452-2



also supply...

- PE pressure pipe for wastewater and industrial use
- PE pressure pipe for potable water systems
- PE domestic gas distribution systems
- PP/PE corrugated stormwater systems
- PP/PE corrugated drainage systems
- PE Industrial pressure pipe (solid wall/slotted)
- PP pressure pipe (single and double contained)
- PE leachate collection systems
- PE landfill gas extraction systems
- PP PE cable ducting
- PE marine outfall systems/diffusers
- Full range of fittings for above systems
- PE, PP, PVDF welding equipment
- PE, PP sumps, manholes, chambers
- Chemical storage tanks (double or single contained)
- Leak detection systems
- Valves, flowmeters, mechanical fittings
- Telescopic systems - vertical or horizontal
- PE, PP, PVDF manifold systems
- Fibre optic cable protection systems
- Ducting / ventilation systems
- Gas collection wellheads
- Pressure - vibration / expansion joints
- Welding / fabrication service



**NATIONWIDE DELIVERY**



ALL PRODUCTS/EQUIPMENT SUPPLIED WITH MANUFACTURER'S CERTIFICATION TO IS/EN STANDARDS



## POTABLE WATER PRESSURE PIPE

### uPVC PIPE SYSTEMS

# uPVC Potable Water Pressure Pipe

To I.S. EN 1452-2 FOR THE TRANSPORTATION OF POTABLE WATER UNDER PRESSURE.

- From 12mm OD - 1,000mm OD
- 6 bar working pressure - 25 bar working pressure

## Quality Groups

- Material Density  $1350 \text{ Kg/m}^3 \leq \rho \leq 1,460 \text{ Kg/m}^3$  to ISO 1183 at 23°C, as per E.N. 1452-1.
- MRS value  $\geq 25\text{MPa}$  to EN 1452-1.

## Advantage of using uPVC pressure pipe for potable water systems

- Light weight of pipe systems allowing ease of installation.
- Integrated jointing - no need for specialised welding.
- All pipe systems guaranteed and certified to I.S. E.N. 1452.
- Compatible with all other uPVC pipe systems and fittings to I.S. E.N. 1452.
- Extensive range of ancillary products, allowing system completion to standards conformity.
- Comprehensive stock allowing speedy delivery to all areas.



## Pressure Application

Based on 25°C, I.S. E.N. 1452-2

- **SDR 11**  $\leq 90\text{mm OD}$  - PN 20  
 $> 90\text{mm OD}$  - PN 25
- **SDR 13.6**  $\leq 90\text{mm OD}$  - PN 16  
 $> 90\text{mm OD}$  - PN 20
- **SDR 17**  $\leq 90\text{mm OD}$  - PN 12.5  
 $> 90\text{mm OD}$  - PN 16
- **SDR 21**  $\leq 90\text{mm OD}$  - PN 10  
 $> 90\text{mm OD}$  - PN 12.5
- **SDR 26**  $\leq 90\text{mm OD}$  - PN 8  
 $> 90\text{mm OD}$  - PN 10
- **SDR 33**  $\leq 90\text{mm OD}$  - PN 6  
 $> 90\text{mm OD}$  - PN 8
- **SDR 34.4**  $\leq 90\text{mm OD}$  - PN 6  
 $> 90\text{mm OD}$  - PN 7.5
- **SDR 41**  $> 90\text{mm OD}$  - PN 6

Colours : Grey (standard), blue, cream as per EN 1452-2



## Connections

- Integrated spigot and socket/sealing rings to EN 681-1
- Solvent cementing to EN 1452-5 / Adhesive to ISO 7387-1
- Plain ended for separate collars to EN 1452 / EN 681-1
- Threaded connections for specific applications.