Polybutene-1 Pipe

Hot & Cold Potable Water







PRODUCT CODE
PB-1 Pipe various codes

COMPONENTS

- Polybutene-1 Pipe

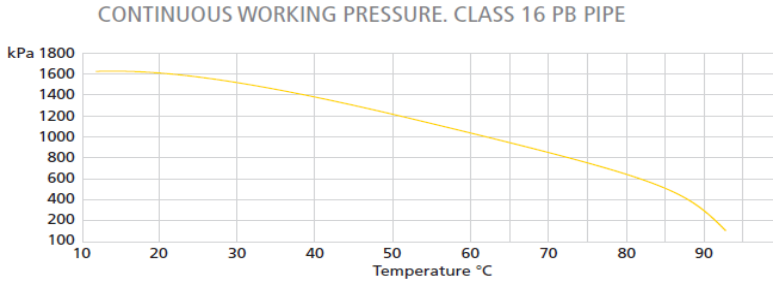
FEATURES

- Flexible
- Odourless
- Non-Toxic
- Durable
- 4 sizes
- Withstands high and low temperatures
- Excellent Creep resistance
- Large bore (High Flow Rates)
- Straight coils for ease of handling
- Good chemical resistance
- Compliant with AS/NZS 4020 water quality standards
- Watermark approved

RELATED PRODUCTS & ACCESSORIES

- SecuraGold® range of fittings
- Secura Pipe Clips
- Dux Centipede
- Dux Handi-fix Bracket

TECHNICAL SPECIFICATIONS



Note: Temperature and pressure are relative, AS/NZS 2642.2:1994 sets out the parameters as follows:

	WORKING PRESSURE				
Working Temperature	**20°C**	**40°C**	**60°C**	**70°C**	**80°C**
Max. Working Pressure kPa	1600	1370	1050	880	740
Max. Working Pressure PSI	230	200	160	130	110

The above temperature pressure combinations are maximums and should not be exceeded.

Available Pipe sizes:
12mm – bore 9.63mm
15mm – bore 13.01mm
20mm – bore 18.47mm
28mm – bore 22.76mm

PB-1 withstands the effects of water hammer due to its high elastic modulas, pressure waves are dampened.
Thinner wall dimension in comparison to Pex allows PB-1 to deliver a higher volume of water.
PB-1 is resistant to a large range of chemicals, refer to the Technical Manual for a complete list.
PB-1 can withstand temperatures ranging from -50°C to 99°C. **Note:** the highest continual temperature should be 80°C, raising the temperature above this limit should be regarded as an intermittent supply only.

NOTES

- As with most Plastic pipes PB-1 is not UV resistant and should not be exposed to direct sunlight.
- The SecuraGold Hot & Cold Piping system does not contain PVC.

The SecuraGold® Technical Manual is available for download on the Dux website www.dux.co.nz Dux reserves the right to alter or amend all information found within the Technical Manual without prior notice.