

POLYPROPYLENE

Polypropylene pipe work systems are widely used in industrial processing applications, because of its good characteristics. Polypropylene comes in several form but most commonly in pressurised pipework as Homopolymer (PP-H) PP-H offers good resistance to abrasion, good thermal properties and is suitable for working at higher temperatures than PVCu and ABS.

TYPICAL APPLICATIONS

- Acids & Alkalis
- Chemical processing
- Industrial waste treatment
- Pharmaceuticals
- Effluents

KEY PRODUCT FEATURES

- Lightweight
- Excellent chemical resistance
- Multiple jointing options

Colour: PP-H material is beige-grey in colour.

Chemical Resistance: PP-H has good chemical resistance. It is resistant to acids, alkalis, salts and to a number of organic solvents.

Pressure Rating: Maximum 10 bar at 20°C unless otherwise stated.

PP-H in sub-zero temperatures: PP-H Pipe systems are suitable for temperatures as low as -10°C, however it is necessary as with any other pipeline to take preventative measures to ensure the pipeline fluid does not freeze, as freezing would cause subsequent damage to the system. situations to make special provision for this expansion and contraction.

Temperature: The PP-H presents a good thermal stability from 0°C up to 100°C

Jointing: PP-H uses fusion joining technology with socket, butt or electrofusion. Please refer to relevant standards.

UV Resistance: PP has good resistance to sunlight and may be used outdoors in the UK/Ireland.