

PROTECTA-LINE (NOMINAL DIAMETERS 90MM – 630MM)

PUPPED FITTINGS PE100

PRODUCT DATA SHEET





PE100 polyethylene shaped fittings with 0.5m Protecta-Line pups for electrofusion or butt fusion jointing with Protecta-Line pipe.

RANGE

Product Range		Diameter size (mm)	SDR	Pressure rating	Material
<ul style="list-style-type: none"> ■ Reducers ■ Equal Tees ■ Stub Flange Assemblies ■ SlimFlange Assemblies ■ Reduced Branch Tees 	<ul style="list-style-type: none"> ■ Flanged Branch Tees ■ End Caps ■ 90°/45°/22.5°/11.25° Mitred Bends 	90 - 630mm	11	16 bar water	PE100
			17	10 bar water	PE100

COLOURS

Materials	Colours
<p>GPS PE Pipe Systems supplies fabricated fittings manufactured using superior grades of PE100</p> <p>Flange backing rings are made from Rilsan (nylon) coated steel or galvanised mild steel. Gaskets are made from WRAS Approved grades of EPDM.</p> <p>For Protecta-Line branded pipes, GPS PE Pipe Systems use only superior grades of PE100, that have been listed by the PE100+ Association.</p>	<p>Black PE100 component shapes used, fabricated with Protecta-Line pipe. </p> <p>Protecta-Line pipe is dark blue PE100 with brown stripes. </p> <p>Blue is within the range of 20D44 to 20D45 or 20E53 to 20E56.</p>

WEIGHTS

All weights are published in the GPS Protecta-Line Product and Technical Guide

DIMENSIONS

All dimensions are published in the GPS Protecta-Line Product and Technical Guide

SPECIFICATIONS

BS 8588

Polyethylene pressure pipe with an aluminium barrier layer and associated fittings for potable water supply in contaminated land – Size 25mm to 630mm

BS EN 1092-1

Flanges and their joints. Circular flanges for pipes, valves, fittings and accessories, PN designated. Steel flanges.

BS EN 12201-2

Plastic piping systems for water supply, and for drainage and sewerage under pressure – Polyethylene (PE) Pipes

BS EN 681-2

Elastomeric seals. Material requirements for pipe joint seals used in water and drainage applications. Thermoplastic elastomers.

BS EN 12201-3

Plastic piping systems for water supply, and for drainage and sewerage under pressure – Polyethylene (PE) Fittings