


PVC Coated Felt Liner

Description	Polyester fibre liner with Polyvinylchloride (PVC) coating, custom sized for pipe rehabilitation, manufactured in accordance with ISO 9001: 2015. To accommodate the requirement for liners of varying thicknesses multi-layer liners are employed using multiple polyester fibre rolls.
Liner Types	Flexible Inversion, Drag-in
Resin Type	Polyester, Silicate
Curing Method	Ambient, Warm water (<50°C), Warm air accelerated

Dimensions & Design

Diameter	70mm to 225mm
Thickness	3mm to 6mm
Length	Standard roll lengths 50m, 100m Bespoke lengths available by special order
Coating weight	400 gsm (nominal)
Design Features	Liner undersized <10% Welded or stitched seam Can negotiate pipe bends up to 45°

Test Specifications

	Characteristic	Test	Standard
Roll	Density and density distribution at various applied pressures.	Compression measured at increasing pressure.	ISO 845
	Load at break in machine and cross directions	Tensile testing - Maximum resistive force.	ISO 1421
	Secant Modulus in machine and cross directions (resistance to stretch)	Tensile testing - Maximum resistive force vs Extension %.	ISO 1421
	Coating weight and distribution	Samples weighted to determine distribution of coating in cross direction of the roll.	-
	Coating adhesion and ability to weld	Peel strength of welded tape.	ISO 2411
Liner	Density. Gauge of liner under various applied pressures	Compression test of samples of all layers.	ISO 845
	Felt weld strengths	Each weld is sampled and destructively tested.	ISO 1421
	Sealing tape weld strengths	Each weld is sampled and destructively tested.	ISO 1421

All liners are tested to the tests declared above and adhere to the declared ISO standards. Test data is available on request.