



PERMA-LINER™ INNERSEAL™ MAINLINE MATERIAL
PRODUCT DATA SHEET

<u>MATERIAL</u>	Reinforced CIPP (Cured-In-Place-Pipe) Liner
<u>DESCRIPTION</u>	Poly-Urethane (PU) transfer coating on Polyester needle-punched felt specifically engineered for excellent bonding with chemical resistant resin systems for cured-in-place-pipe rehabilitation systems.
<u>GENERAL PROPERTIES</u>	Polyester fabric PU Coating protects against fungi and bacteria Styrene and hydrolysis resistant Good coating transparency
<u>EXAMINATION</u>	All fabric is 100% examined to mutually agreed examination standards. Any faults found are marked or cut out. The finished product is in accordance with ASTM D-5813 standards.
<u>THICKNESSES</u>	General thicknesses can be provided from 1.5mm – 100mm upon customer request
<u>DIAMETERS</u>	The PU coated liner material starts at 4” diameter and can be manufactured to a full range of pipe sizes up to 108” Custom diameters can be made upon request.



PERMA-LINER™ SCRIM LINING PRODUCT DATA SHEET

MATERIAL Scrim Reinforced Lining CIPP (Cured-In-Place-Pipe)

DESCRIPTION PVC transfer coating on Polyester knitted
Fabric w/ Scrim reinforcement

**GENERAL
PROPERTIES** Polyester fabric
Coating protected against fungi and bacteria
Styrene and hydrolysis resistant
Good coating transparency

**PHYSICAL
PROPERTIES**

Color:	Unpigmented
Substrate:	PET Felt
Overall Weight:	28 ounces per sq yard
Fabric Weight:	18 ounces per sq yard
Coating Weight:	10 ounces per sq yard (PVC)
Trapezoid Tear:	W: 150 lbs F: 170 lbs
Grab Tensile:	W: 402 lbs/in F: 455 lbs/in
Adhesion:	W: stronger than fiber F: stronger than fiber

EXAMINATION

All fabric is 100% examined to mutually agreed examination standards.
Any faults found are marked or cut out.

TUBED MATERIAL

Materials formed into tubular sharp using a stitched – butt seamed – tube. The stitched area is then coated with a PVC seam tape to create an air tight seal.



MATERIAL THICKNESS

General thickness is provided from 3mm + in greater mm thickness. Greater thickness can be ordered based on customer requirements.

TUBED DIAMETERS

The Scrim Liner starts at 3" diameter and can be manufactured at any diameter greater than 3".