



PrimeLiner FLEX FG Fiberglass Liner

DESCRIPTION

Liner is a three dimensional glass fabric coated on one side with a PVC film. This product has been specifically designed for the production of “Top Hat” and “T pieces” for the pipe rehabilitation market.

TECHNICAL CHARACTERISTICS

ID	Description	Note	Max	Target	Min	Units
1	Fabric Width		1590	1560	1550	mm
2	Film Width		TBD	1650	TBD	mm
3	Relaxed Weight	See note 1	1375	1275	1175	gsm
4	Relaxed Thickness	See note 2	3.5	3.2	2.9	mm

Note 1 - Cut 200mm square and weigh. Take mean of 5 samples.

Note 2 – Measured using a micrometre with a foot diameter of 30mm.

FAULT IDENTIFICATION AND ACCEPTANCE LEVEL

Type	Note	Acceptance Level
Film Joins	Any film joins are to be marked at one edge with a visible colored tape.	TBD
Narrow Fabric	If width control is lost identify narrowing of fabric with a visible colored tape at one edge.	TBD
General	If any out of the ordinary faults are observed like: dirt, fabric faults, holes in film, etc mark at one edge using a visible colored tape.	TBD



APPLICATIONS:

Ideal for straight piping configurations. May be used on sweeping bends up to 45° with slight wrinkling. Manufactured transitional liners and custom sizes are available.

STORAGE/HANDLING:**Avoid extremes of temperature**

Freezing may cause the coating structure to degrade locally, especially areas where the coating is in tension or compression – at bends and edges, and immediately adjacent to seam welds.

Recommended storage temperature 40°F – 95°F.

Shelf life at this temperature: in excess of 1 year.

Avoid extremes of humidity

Very high relative humidity (especially at high temperature such as tropical countries) will accelerate the degradation, consequently reducing the shelf life.

Recommended storage humidity 25% rh – 65% rh.

Shelf life at 65%, 95°F: 1 year.

Avoid prolonged wet storage

As with high humidity, the coating is more susceptible to degradation at higher temperatures, and even further susceptible if pH of liquid in contact is significantly above or below 45°F.

Wet storage is not recommended.

Avoid direct sunlight or incident UV radiation

Prolonged exposure to ultra violet light will accelerate the degradation of the PU or PVC coating.

Store away from direct sunlight, preferably in dark conditions.

Mechanical damage should be avoided

- Ensure that liner is not placed directly onto grit or gravel floor – sweep and cover floor first.
- Ensure personnel are instructed not to walk on the liner.
- Handle with care.
- Ensure any rollers are clean, and the liner is not in contact with any sharp edges or snags anywhere during use.

Chemical attack

Avoid prolonged contact with solvents and chemicals.

Call our technical advisor with additional questions at 407-772-8131

This product information sheet gives general information. Exact coating type and thickness depend on the specific types of resin being used. Please contact our technical team for specific advice.