



Max FLEX 4D™

Non-woven needle punched PE felt liner with an impermeable PU coating. Specially designed stitched seam and taped overlap joint capable of negotiating bends up to 90° with minimal wrinkling. Capable of changing circumferences up to 4 diameters (4D).

TECHNICAL DATA:

Coating: Polyurethane

Carrying Material: Polyester needle-felt liner with polyurethane coating

Installation: Inversion

Recommended Curing Method: Hot Water or Steam

Resin Compatibility: Use with MaxPox™ resin and hardener from the MaxLiner™ System

DIAMETER RANGE:

4" (will stretch up to 6")

Larger sizes available

THICKNESS RANGE:

4.5 mm

AVAILABLE MANUFACTURER LENGTHS:

165 and 330 ft. lengths in stock (+/-)

Longer lengths available

INSTALLATION:

Installation Air Pressure: 5 to 7 psi (may need additional pressure to invert around bends)

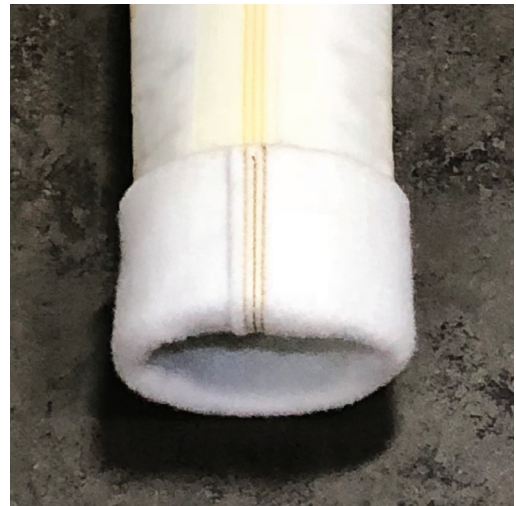
Curing Pressure: 5 to 7 psi for non-dimensional change -- Consult with MaxLiner regarding dimensional changes and curing

Hot Water & Steam Curing Pressure: 7 to 10 psi

Restrain unsupported material when upsizing

Vacuum level shall meet or slightly exceed Installation and Curing pressure

** Always use the larger size calibration tube when upsizing*



APPLICATIONS:

Multiple bends up to 90°
Transitions without ridge
Ease of inversion

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 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 877.426.5948

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