

AlphaMax

TPU Coated Liner for Residential and Municipal CIPP Rehabilitation

DESCRIPTION

AlphaMax is a technical composite fabric liner system, used in combination with curable resins for pipe rehabilitation. AlphaMax has a TPU outer coating, and is used for CIPP rehabilitation in municipal and residential markets.

TECHNICAL DATA

- **Coating:** TPU Outer Coating
- **Carrying Material:** Composite Fabric
- **Seam:** Seamless
- **Installation:** Inversion or PIP
- **Recommended Curing Temperature:** 185° max.
- **Resin Compatibility:** Use with MaxLight® UV Resin Systems, MaxPox®, VertiPox® Epoxy Resin Systems or approved equal

PERFORMANCE FEATURES

- Thinner liner which requires less resin/less resin slugs
- Stronger tensile strength and flex mod and more chemically resistant
- Navigates multiple bends
- Ideal for transitioning pipe sizes
- Holds higher pressure during installation
- Hot water, steam, UV or ambient capable
- Pre-wet for UV available
- Thinner and more transparent for UV application

THICKNESS RANGE

- 2-5mm

AVAILABLE MANUFACTURER LENGTHS

- For coated products we offer 164 ft. and 328 ft. | 50 m and 100 m
- Custom longer lengths available

DIAMETERS & LAYERS

- 3"-18" | 76-457mm
- 3" | DN70: Suitable for ID 3"-4" | 70-105mm; Available in 2, 3 layer
- 4" | DN100: Suitable for ID 4"-6" | 100-150mm; Available in 2,3 layer
- 6" | DN150: Suitable for ID 6"-9" | 150mm-225mm; Available in 2,3,4 layer
- 8" | DN200: Suitable for ID 8"-12" | 200-300mm; Available in 2,3,4,5 layer
- 12" | DN300: Suitable for ID 12"-18" | 300-450mm; Available in 2,3,4,5 layer



INSTALLATION

Refer to Field Installation Sheet for resin calculations and calibrated gap settings.

- **Vacuum:** -0.07 and -1.00 bar | -20 to -30 Hg
- **Installation air pressure:** Between 10 and 15 psi | 0.07 and 1.00 bar
- **Curing pressure:** Between 10 and 15 psi | 0.07 and 1.00 bar
- **Curing:** Ambient, steam, hot water, or UV/LED Light

PACKAGING | TRANSPORTATION | STORAGE**Packaging**

- Rolls wrapped in polythene and labelled.

Identification

- Individual labelling to include roll/batch numbers, chargeable weight or length and S&F code.

Loading

- Rolls are palletised to a maximum of 5 per stack, wrapped in polythene and labelled.

SAFETY

Always use Personal Protective Equipment (PPE) when using this product. Do not ingest. Always read the container label warning and Safety Data Sheets (SDS) prior to use. If you do not understand or cannot adhere to the guidelines and procedures for handling and use of these products.

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 or smoke around the liner.
- Handle with care and ensure safe transport at all times.
- 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.

TECHNICAL SUPPORT

Call technical support with additional questions at (877) 426-5948.

TERMS & CONDITIONS

For full contractual details please refer to our “Terms & Conditions of Sale” which are available from our Sales Office. No warranty or guarantee expressed or implied is made regarding the performance of the product since the manner of use and handling is beyond our control. Length is printed on the material to within $\pm 1\%$. Differences in customer operational lengths may vary slightly from these figures based on processing conditions. No warranty or guarantee expressed or implied is made regarding the performance of the product since the manner of use and handling is beyond our control.

DISCLAIMER

The information contained herein is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and no warranty of any kind is made with respect thereto. Exact coating type and thickness depend on the specific types of resin being used. Always read, understand, and comply with hazard warnings described in the products’ Safety Data Sheet(s) before use.