

Technical Data Sheet



HH Scrim Liner

Description: A polyester needle punched liner with a PU (Polyurethane) coating Polymer coated through and a 100 percent continuous filament polyester scrim.

Diameter Range: 3", 4", 5", 6", 8", 10", & 12"

Material: Polyurethane coating with polyester felt carrying material.

Thickness Range: 3mm (3"- 8") and 4.5 mm (10" – 12")

The liner thickness is the approximate installed thickness after removal of coating. To achieve the installed thickness in accordance with ASTM F1216 the combined curing pressure and fall of the pipe should not exceed the suggested inversion pressures show below:

- Inversion Pressure: 7 to 10 psi (may need additional pressure to invert around bends)
- Curing Pressure: 7 to 8 psi

Installation Method(s): Inversion

Resin type: Epoxy

Cure temperature/method: Ambient, hot water, or steam (max 194°F / 90°C)

Impregnation Method: Vacuum and pressure rollers set to a specified gap

Pinch gap roller setting: 8mm or 11 mm depending on liner thickness

Available Length: 330 ft.

Notes:

- Can be used unsupported / without calibration tube.
- Used for a maximum bend radius of 45 degrees.

This information is provided in good faith only and without warranty. All calculations should be verified. The roller gap setting is for guidance only. We strongly recommend that the resin addition be monitored and controlled by adjustment of the roller gap setting. Ultimately, it is the correct resin addition/impregnation that is imperative, not the roller gap. This liner should be visually inspected for defects before use. Inability to maintain a good vacuum during impregnation may indicate damage. On detection of any defect, the liner should not be used. This liner is only guaranteed when used with the limitations herein. Should it be necessary to use the liner in circumstances outside of these limits please contact us first for advice. We reserve the right to make technical changes without notice as a result of continuous development.

500 South C.P. Avenue • Lake Mills, Wisconsin 53551
P: 800.331.6653 • Intl: +1 920.648.4848 • F: 920.648.1781
E: info@hammerheadmole.com • W: hammerheadtrenchless.com

A Charles Machine Works Company