

Technical Data Sheet



HELIAM™ Scrim Liner

Description: HELIAM™ Scrim liner is used with all-cure methods (heat, light, and ambient) in applications with both straight shots and single bends up to 45°. This scrim reinforced liner minimizes longitudinal stretch and assures accurate inversion lengths while minimizing the occurrence of wrinkling.

Technical Characteristics:

Installation Method(s): Air or water inversion

Compatible Resin Systems: Epoxy and photo-initiated vinyl ester

Compatible Cure Methods: Bluelight LED, ambient, heat

Impregnation Method: Vacuum with calibrating pinch roller set to a specified gap

Roller Gap Setting: 7mm for Bluelight resin, 8mm for epoxy resins

Applicable Pipe Diameters: 4 in, and 6 in.

Wall Thickness: 3mm nominal

Available Length(s): 164 ft (50 m) and 328 ft (100 m) rolls

Recommended Inversion Pressure: 4-12 psi

Stretch per Foot: Approximately 1% (1.2 in. per 10 ft); dependent on actual host pipe diameter

Coating: PVC

Seam: Sewn

Seam Sealing: Heat fused PVC

Carrying Material: HELIAM Scrim is a unique scrim reinforced polyester felt liner

Manufactured: Made in the USA by HammerHead Trenchless

Applications:

- Open-End (blindshot) with calibration tube
- Closed-End
- Can be installed without calibration tube considering all liner outside of the host pipe are supported externally by calibration tube or other expansion restraint.
- Used for a maximum bend radius of 45 degrees.

Compliant with ASTM F1216

Storage/Handling:

- One year when stored protected from light at 40-80°F (5–27°C) and less than 65% relative humidity.

Contact HH Technical Support at 920.648.4848 for further details and installation support.

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