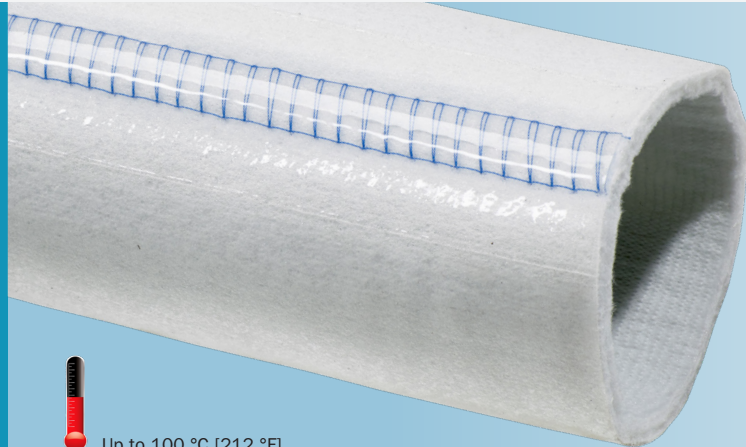


Trelleborg UltraFlex Liner

The ultimate liner for
challenging demands



Up to 100 °C [212 °F]

KEY FEATURES & BENEFITS

- Precisely calculated longitudinal expansion
- Reliable attainment of the minimum wall thickness of 3 mm
- No additional calibration hose required

APPLICATION AREA

- For pipes and sewers from DN 70 to DN 250 [2¾" to 10"]
- For vertical and horizontal pipe lines, also with bends up to 90°
- For pipes with dimension changes of up to 2 nominal widths
- Suitable for hot water and steam curing

DESIGN & FUNCTION

The innovative UltraFlex Liner was developed for the rehabilitation of vertical and horizontal pipes with challenging requirements.

It facilitates both dimensional changes up to two nominal widths and bends up to 90 degrees, while maintaining the minimum wall thickness of 3 mm. Even in the expansion range of elbows and in the stretched area of diameter changes.

The UltraFlex Liner is considerably more maneuverable because it adapts with great flexibility to changing requirements in the pipe route.

Its greatest advantage and unique selling proposition, however, is its calculable longitudinal elongation and the fact that no additional calibration hose is required.

The exceptionally practical material characteristics and diverse application possibilities quickly transform the soft and yet robust liner into an indispensable equipment item for the professional user. It significantly reduces time, material and effort during installation. Reducing the need to stock multiple liners, you save cost.

MATERIAL

- PES-Multi knit composite with extremely flexible special silicone coating (one side)
- The coating (approx. 600 µm) serves as an installation aid
- Under size:
 - ≤ DN 150: 14 % ± 1 %
 - > DN 150: 12 % ± 1 %

DIAMETER

- 70 mm to 250 mm [2¾" to 10"]

WALL THICKNESS

- Impregnation/resin quantity calculation: 4.5 mm
- Installed ≥ 4.0 mm
(with the 2nd NW step ≥ 3.0 mm)

LENGTH

- Standard lengths are 50 m and 100 m
[approx. 164 ft and approx. 328 ft
– actual lengths may vary]

CORRESPONDING RESIN SYSTEMS

- Trelleborg Epoxy HC120+ (comp. A + B)
- Trelleborg Epoxy HC120+ (comp. A)
+ Trelleborg Epoxy FC30 (comp. B)

CURING METHODS

- Ambient
- Hot water
- Steam curing

IN CONFORMANCE TO WORLDWIDE STANDARDS

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