

Trelleborg ProLiner

QUICK OVERVIEW

Bendability



Temperature resistance in °C



Diameter changes *

- +25 %

Final wall thickness \geq **

- 3.0, 4.5 and 6.0 mm. Other final wall thicknesses on request.

RANGES OF APPLICATION

- Underground-/ Down pipes with diameter change
- DN 100 to DN 600 [NPS 4" to 24"]

TECHNICAL SPECS

Installation pressure P_{Inst}

- 0.11 – 1.4 bar / 1.51 – 19.6 psi

Curing pressure P_{Cure}

- 0.13 – 0.47 bar / 1.82 – 6.58 psi

Maximum pressure P_{max}

- 1.49 bar / 20.86 psi for DN 100
Depending on diameter.
Please refer to the technical data sheet.

Gap between calibration rollers

- 8.0 mm
(3.0 mm final wall thickness)



THE MOST FLEXIBLE PP-COATED LINER

The Trelleborg ProLiner is recommended for all standard installations in house connection sewers and building pipes. It can negotiate bends up to 45° and is suitable for steam curing.

What makes this liner truly outstanding, in comparison to competing products, is the special formula of its flexible PP coating. This makes the liner very flexible and easy to invert. Thanks to this elasticity, even installations of smaller diameters during cold temperatures are easy to carry out.

The Trelleborg ProLiner also boasts excellent impregnation characteristics and ensures installations with high quality results.

It is recommended to be used in combination with Trelleborg epoxy resin systems but also suitable for polyester and silicate resins.

Please also note the technical data sheets and the information and notes in the processing manual.

PRODUCT INFORMATION

- Seam type: Sewn and taped (PP)
- Coating: Polypropylen (PP) 300 µm
- Under size: 10%
- Final wall thickness \geq^{**} : 3.0, 4.5 and 6.0 mm
- Temperature resistance: up to 110 °C (230 °F)

NOMINAL DIAMETER AVAILABILITY

- DN 100 to DN 600 [NPS 4" to 24"]

HOSE LENGTHS

- Standard length 100 m
[approx. 328 ft – actual length may vary]

SUITABLE RESIN SYSTEMS

- Trelleborg Epoxy FC15/ 30 (Comp. A + B)
- Trelleborg Epoxy HC120+ (Comp. A + B)
- Trelleborg Epoxy BC15/ 30/ 60 (Comp. A + B)
- Trelleborg EasyPox (Comp. A + B)
- Trelleborg RayCure (one component resin)

CURING METHODS

- Ambient
- Hot
- Steam
- UV-Hg/ LED

EPOXY RESIN CONSUMPTION (3.0 MM FINAL WALL THICKNESS)

- DN 100: approx. 1.16 kg/m
- DN 125: approx. 1.45 kg/m
- DN 150: approx. 1.73 kg/m
- DN 200: approx. 2.31 kg/m
- DN 225: approx. 2.61 kg/m
- DN 250: approx. 2.89 kg/m

RAYCURE UV-RESIN CONSUMPTION

- DN 100: approx. 1.09 kg/m
- DN 125: approx. 1.36 kg/m
- DN 150: approx. 1.63 kg/m
- DN 200: approx. 2.18 kg/m
- DN 225: approx. 2.45 kg/m
- DN 250: approx. 2.72 kg/m

5 % loss in length for every 25 % change in dimension.

The values given above are affected by the resin used, the pipe size, and the temperature of the resin and the environment.

IN ACCORDANCE WITH GLOBAL STANDARDS



CERTIFIED QUALITY



* Please note that the expansion of the hose liner when changing dimensions will always affect the final wall thickness. The thinning of the liner can be counteracted by using larger quantities of resin.

** Provided that the relevant installation regulations are complied with (see manual)



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