

Technical Data Sheet



HH Brawoliner® 3D

Description: HH BRAWOLINER® 3D consists of a lengthwise and transversal elastic PET textile tube coated with PU-foil.

Diameter Range: 3", 4", 6"

Diameter Changes / Upsizing: 3" – 4", 4" – 6", 6" – 9"

Seam: No Seam

Seam sealing: NA

Installation method(s): Air or water inversion

Cure temperature/method: Ambient & hot water

Resin type: Silicate, epoxy, and polyester

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

Technical Characteristics

- HH Brawoliner consists of a lengthwise and transversal elastic PET textile tube coated with PU- foil
- Textile tube and foil are seamless
- Wall Thickness uncured: 4.5 mm
- Wall Thickness (nominal diameter) impregnated and cured: 2mm or 3 mm depending on roller gap
- Undersize: approximately 10 %

Roller Gap

To achieve a minimum wall thickness of 3mm		To achieve a minimum wall thickness of 2mm	
Liner Size	Roller Gap	Liner Size	Roller Gap
3"	10mm	3"	7mm
4" through 6"	12mm	4" through 6"	10mm

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.