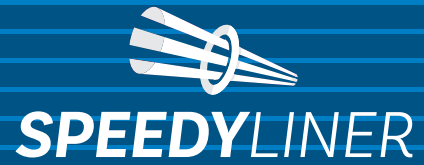


SPEEDY LINER



A traditional UV GRP liner with integrated glide foil to aid with the installation process.

CHARACTERISTICS

Suitable for all circular and oval profiles from 150mm-300mm or other similar profiles.

Fast installation times due to the UV LED light curing process.

WRc approved system.

High mechanical parameters due to fiberglass reinforcement reducing cross-section loss after rehabilitation.

6 months shelf life.

Less space required for the installation as all necessary equipment can be stored in a single truck.

Seamless construction and smooth surface abrasion layer.

Reduction of waste products due to the curing procedure.

Reduced energy requirements during production, transport, and installation.

Complete opening of the laterals is possible immediately after the curing of the liner.

Integrated glide foil for ease of installation.

*carrier laminate thickness to EN ISO 11296-4 (07/2011)

RSM SPEEDY LINER - APPROVED FOR UP AND VE RESINS	
Density after curing (EN ISO 1183-2)	1.5g/cm ³ (± 0.5 g/cm ³)
Glass fibre content (EN ISO 1172/by mass)	46% (± 8%)
Glass weight per unit area (per mm load-bearing wall thickness)*	650g/m ² (+150/-100g/m ²)
Short-term circumferential modulus of elasticity (EN 1228)*	≥ 10,000 N/mm ²
Short-term modulus of elasticity in flexure (EN ISO 178)*	≥ 8,700 N/mm ²
Short-term flexural strength (EN ISO 178)*	≥ 150 N/mm ²
Reduction factor for long-term values (EN 761)	A = 1.45
Long-term circumferential modulus of elasticity (EN 1228)*	≥ 6,800 N/mm ²
Long-term flexural strength (EN ISO 178)	≥ 105 N/mm ²
Laminate design	Multi-layer, seamless and overlapping in longitudinal direction; overlaps are offset
Linear expansion during calibration	~ 0.0%
Allowable diameter tolerances of the host pipes	DN ≤ 800: ± 5%; DN < 800: ± 2%

