LW FELTLINER

TECHNICAL DATA SHEET



Flexible

Efficient

Robust

LW FELTLINER: SYSTEM

As a user of the LW Feltliner relining system, you have chosen a leading solution for a wide range of applications. The system includes liners available from DN70 to DN225. These innovative liners create a durable, self-supporting pipe infrastructure that adapts smoothly to varying sizes and handles sharp 90° bends with minimal wrinkles.

Our unique low-viscosity resins, available in fast, medium and slow curing options, further enhance the LW Feltliner system. When these resins are combined with our liners, the result is robust and adaptable renovated drain pipes. After curing, these pipes show impressive chemical resistance and a high E-modulus, matching the performance of brand-new, traditionally manufactured PP drain pipes.

By using the LW Feltliner relining system to its full potential, you can maximise the benefits of this superior, user-focused solution for all your pipe renewal needs

LW FELTLINER: LINER



80°C



100% PES

LW Feltliner is available in diameters from DN70 to DN225 in 3mm or 4mm thickness. It is made of 100% PES fibre and has a TPU coating. The liner is compatible with room-temperature curing, hot water or steam curing processes up to 80°C. All liners are flexible enough to fill variations in pipe diameter. The liner stretches minimally lengthwise, only radially. This allows precise relining of pipes of known lengths.

DN Liner	Layflat	Nominal diameter	Thickness
70–100	90 mm	60 mm	3mm/4mm
100–150	130 mm	86 mm	3mm/4mm
150–225	200 mm	130 mm	3mm/4mm

Textile: 100% Polyester
Coating: Thermoplastic Polyurethane 0.15mm
Designed for wall thickness: 3mm, 4mm

The liner has a diameter that is smaller than the smallest pipe diameter it is designed for.

RESIN CONSUMPTION AND ROLLER SETTINGS

To reach a 3 mm wall thickness (for 3mm liner)		
DN	Roller gap	Standard epoxy required kg /m
70–100	8 mm	1.0
100–150	8 mm	1.4
150–225	8 mm	2.0

To reach a 4 mm wall thickness (for 4mm liner)		
DN	Roller gap	Standard epoxy required kg /m
70–100	9 mm	1.2
100–150	9 mm	1.7
150–225	9 mm	2.5

INSTALLATION AND CURING PRESSURE



Recommended installation pressure **0.4-0.8 Bar**, smaller liners require higher pressure and larger liners require lower pressure



Recommended curing pressure **0.3-0.5 Bar**

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