

# Technical Data Sheet

## TT38s 3 mm



### APPLICATION AREA

- Suitable for repairing rainwater and waste sewages and pipes
- TT38S is TPU coated felt pipe or so called liner, that has been reinforced with longitudinal seam for CIPP-usage
- Liner can be cured with steam, hot water or air, according to the instructions of Boldan's application manual

### STRUCTURE

- Max. temperature in steam or hot water hardening: 75°C
- Liner is suitable for size modification
- Liner must be protected from radial expansion (inspection hatches etc.)
- Liner must be protected from leakage water with preliner
- For size modification, we suggest using a calibration hose
- Installation pressure: 0,3 - 0,7 bar
- Hardening pressure: 0,3 - 0,6 bar
- Maximum pressure: 1 bar
- Gap between calibration rollers: 7.0 mm

### RESIN COMPABILITY

This liner can be impregnated with following manufacturers resin systems:

Boldan Oy

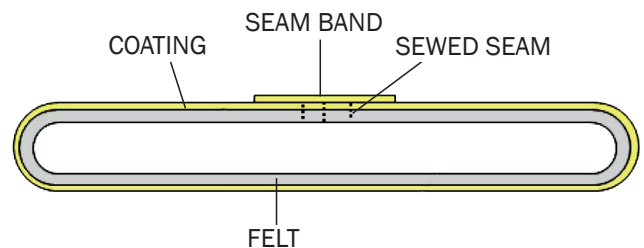
- BDA/BD 15, BDA/BD 30, BD/BDA45, BDA/BD 60
- BDA+ 15, BDA+ 30, BDA+ 60
- BX 10, BX 15, BX 30, BX 60, BX 180
- BE 15, BE 30, BE 60, BE 180
- BA 10, BA 15, BA 30, BA 60, BA 140
- B 15, B 30, B 60

### COATING

- Compability of this liner is tested positively with these resin systems
- If this liner is about to be used with other resin systems, the compability must be tested first
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### STRUCTURE OF LINER



### PRODUCT INFORMATION

|                    |                                     |
|--------------------|-------------------------------------|
| Country of origin  | Sweden                              |
| Base material      | PPET felt, made of polyester fibers |
| Liner coating      | TPU (Thermoplastic polyurethane)    |
| Material thickness | 3,2 mm +/- 5 %                      |
| Weight             | 560 g/m <sup>2</sup> +/- 5 %        |
| Weight of coating  | 180 g/m <sup>2</sup> , 150 my       |
| Void volume        | 86 %                                |
| Seam               | standard seam                       |
| Lenght             | 38s 50-70 -11% ja 38s 70-100 -11 %  |

### SHIPPING, STORAGE, HANDLING

- Material has to be protected from chemical or mechanical attacks such as UV-light, moisture and climate changes
- Store in dry and cool place (max. 25°C)
- Liner storage time is 6 months (if the storage time exceeds, we are not responsible of possible damages occurred)