



Pipe Sleeve

TDS Technical Data Sheet

Product Overview

Special gaskets for piping made of non-woven fabric with a sealing membrane in the centre, designed for waterproofing pipes of different diameters. The substrate consists of two external layers of non-woven polyethylene and a coating membrane in modified TPE.

Application Areas

For permanent sealing of wall and floor pipe passages in combination with embedding materials, underneath ceramic tiles or natural stones, in both outdoor and indoor construction such as bathrooms, showers, balconies, and terraces. It is highly resistant to hydrostatic pressure, vapor permeable, tear-proof, and chemical resistant, with excellent performance in temperature variations.

Storage

Store in a dry and cool place, away from direct sunlight. Use the tape within 24 months of receipt.

Handling

Spread a layer of Sealing Compound over the pipe passage areas. Place each collar on the fresh Sealing Compound and press it in. Once dry, cover the outside collar with a second layer of Sealing Compound.

Material Composition

Substrate: Both sides 50g PES non-woven

Sealing Zone: TPE (aging resistant)

Dimensions:

250 mm x 250 mm, hole: 110 mm

150 mm x 150 mm, hole: 75 mm

120 mm x 120 mm, hole: 50 mm

Thickness: 0.60 mm

Temperature Resistance: -30°C to +90°C

Physical Properties

Breaking Load Longitudinal	181 N/20 mm
Breaking Load Lateral	31 N/20 mm
Tensile Strength Longitudinal:	14.1 MPa
Tensile Strength Lateral	2.4 MPa

Extension Break Longitudinal	124%
Extension Break Lateral	40%
Power Absorption at 25% Elastic Lateral	95 J/m ²
Power Absorption at 50% Elastic Lateral	295 J/m ²
Water Pressure Resistance	>1.5 bar
UV Resistance	500 hours

Chemical Properties (after 7 days storage at room temperature)

Hydrochloric Acid	+
Sulphuric Acid	+
Citric Acid 100g/l	+
Lactic Acid 5%	+
Potassium Hydroxide 3%	+
Sodium Hypochlorite 0.3 g/l:	+
Salt Water NaCl (20 g/l):	+
KOH 3% 40°C (28 days):	+

Substrate Preparation

Preparation of the substrate should be done according to the sealing system used.

Sale Information and Disposal

This product is not classified as hazardous. It can be disposed of as building waste.

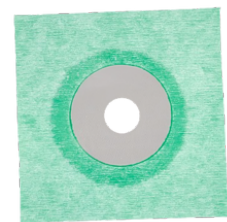
Cleaning of Tools

Clean tools and soiled areas immediately after use with water.

Information on Processing

The tape ensures excellent compatibility and good adhesion with polymer dispersions, flexible mineral sealing compounds, and thermosetting resins. Conduct a compatibility test before applying other products.

Pack Size



Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

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