

## MONNELI ELASTOJOINT PVC TAPE

*PVC Elastomeric Waterproofing Tape*

### Product Description

Flexible polyvinyl chloride elastomeric waterproofing tapes.

### Uses

ELASTOJOINT PVC TAPE is mainly used as a part of a PVC membrane waterproofing system. It can be used for expansion joints and cracks.

### Advantages

- Extremely flexible
- Weather resistant
- Water resistant
- Root resistant
- Good resistance to many chemicals
- UV-resistant
- Performs well within a wide temperature range
- Can be used in contact with potable/drinking water

### Application

Selection of the correct tape size (thickness and width) depends on the expected performance. If necessary, ask COLMEF for technical advice. Tapes of 1 mm thickness are suitable for sealing of joints subject to light load only.

### Maximum permissible permanent elongation:

1 mm tape: 10% of the non-adhered tape width

2 mm tape: 25% of the non-adhered tape width.

Tape ends are connected by hot air thermal welding. Overlaps have to be 50 mm.

Please refer Insuwrap product data sheet for further information.

### Technical Data

Properties	Results
Membrane thickness	2.00 mm
Tensile strength Longitudinal/transversal (DIN 16938)	>11.00 N/ mm <sup>2</sup> both directions
Elongation Longitudinal/transversal (DIN 16938/DIN 16730)	>300% both directions
Thermal stability (DIN 16938)	<1.0%
Tear strength (DIN 16730)	>100 N
Cold bend (DIN 16730)	No cracks at -30°C
Slit pressure resistance (SIA 280/4)	Passed
Roots resistance (SIA 280/10)	Passed
Combustibility (SIA 280/11)	Passed
Water vapour diffusion Resistance (DIN 16730)	Less than 21,000
Water absorption (SIA 280/12)	Passed
Compressive strength (SIA 280/13)	Passed
Puncture resistance (DIN 16938)	Passed
Seam strength (SIA 280/15)	Passed
Durability of water tightness against chemicals (DIN 16938)	Passed
Resistance to algae & rot (DIN 16730)	No penetration, growth dies off

All values are subject to 5-10 % tolerance

## Packaging

Thickness	Width Available
1.0 mm	10,15,20,25,30 cm
1.5 mm	10,15,20,25,30 cm
2.0 mm	10,15,20,25,30 cm

## Storage

Product should be stored in dry conditions at temperatures between +5°C and +30°C. Shelf life is 36 months from date of production if stored properly in undamaged, unopened original sealed containers.

## Health & Safety

Local safety regulations must be observed. Information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet.

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