



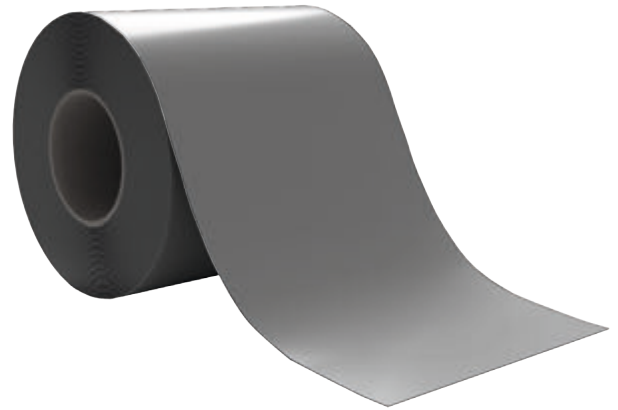
FPO WATERPROOFING MEMBRANE

Water Resistant | Heat & Weather Resistant |
Chemical Resistant | UV Resistant

High-strength elastic tape for waterproofing of units subject to intensive high water pressure. The tape has high physical parameters, chemical resistance. Easily melts, is attached to the base with a polymer adhesive, such as epoxy. For external and internal use.

Properties:

- » UV resistant;
- » Does not require activation;
- » Suitable for contact with drinking water;
- » The ends can be welded with a building hair dryer;
- » Withstands high negative water pressure.



► EQUIPMENT PROFILE

Physical properties	DIN	Value	Tolerance
Tear resistance - lengthwise	DIN EN 12311-2	13,2 N/mm ²	≥10,5 N/mm ²
Tear resistance - across	DIN EN 12311-2	8,8 N/mm ²	≥7 N/mm ²
Elongation at break - lengthwise	DIN EN 12311-2	980%	≥600%
Elongation at break - across	DIN EN 12311-2	800%	≥600%
Tear resistance - lengthwise	DIN EN 12310-1	265 N	≥220 N
Tear resistance - across	DIN EN 12310-1	275 N	≥220 N
Water vapour permeability	DIN EN 1931	98 m	≥50 m
UV-Resistance	DIN EN ISO 4892-3	≥ 6500 h	
Shore A hardness	Internal	approx. 87	
Bonding strength	DIN EN 1348	≥ 3,0 N/mm ²	
Peel test on wood carrier	Internal	≥ 100 N	
Water tightness (60 kPa/24 Std.)	DIN EN 1928-A	Watertight	
Water tightness (400 kPa/72 Std.)	DIN EN 1928-B	Watertight	
Burst pressure	Internal	≥ 3,6 bar	
Reaction to fire	EN 13501	Class E	

► APPLICATIONS

DUALLINE Flex-T FPO Waterproofing tape has been designed primarily for use as a flexible waterproofing membrane for water containment. It is suitable for use in wide range of applications including:

- » Waterproofing of external expansion and structural joints, including those with extreme movements;
- » Waterproofing of joints and cracks in basements, tunnels and pipes;
- » Waterproofing of cracks in concrete;
- » Repair of waterproofing seams;

Material	Flexible Polyolefine (FPO)
Color	Grey
Standard Thickness	1 mm
Standard Roll Width¹	200 mm, 250 mm, 300 mm, 400 mm, 500 mm, 1000 mm
Standard Roll Size	20 Metres
Temperature Range	-30°C to +90°C

¹ Widths between 100 mm and 1000 mm upon request
Note: Manufacturing tolerance of ± 10% on thickness, + 1 on length & ± 2% on width shall be applicable

Chemical Resistance	To Hydrochloric acid, Sulphuric acid, Citric acid, Lactic acid, Potassium hydroxide, Sodium hypochlorite, Salt water and further substances
Warranty	10 years warranty for the guaranteed product qualities
Storage	Maximum of 12 months – it is essential that goods are kept in the original packaging, keep cool and dry, protect against sunlight. If packaging film has been opened apply the material within 2 months.
Attention	Due to technical reasons the colour of the material or the printing may vary slightly from batch to batch
Fusibility	The product is fusible with standard hot-air-dryers (recommendation ≥1500 watt / 340°C). It is important to select a low temperature setting so that only the surface of the tape melts in order not to affect the tightness of the product. Parts to be welded must be roughened or sanded. Please follow our processing instructions