

PRODUCT DATA SHEET

ISO-ZELL PE-TAPE AND FIX-TAPE



PRODUCT DESCRIPTION

ISO-ZELL PE-TAPE and FIX-TAPE are versatile sealing tapes suitable for many assembly situations. These closed celled polyethylene foam tapes with their self-adhesive coating, are characterised through their fine cellular structure and particularly by their flexibility. These properties plus continuous high quality allow efficient and reliable solutions for a wide spectrum of industry and building applications.

APPLICATION

ISO-ZELL PE-TAPE and FIX-TAPE are especially suitable for

- sealing
- vibration control
- insulation
- cushioning

Due to these special product properties ISO-ZELL PE-TAPE and FIX-TAPE are very versatile, e. g. in the following areas

- trapezoidal metal sheets and metal structures
- masonry, timber and prefabricated building constructions
- window constructions
- dry wall and partitioning
- air conditioning and ventilation systems
- domestic appliances
- wagon and container construction
- machinery and apparatus construction

PRODUCT ADVANTAGES

- flexible
- fine pored
- water resistant
- high ageing stability
- environmentally friendly – chemically neutral

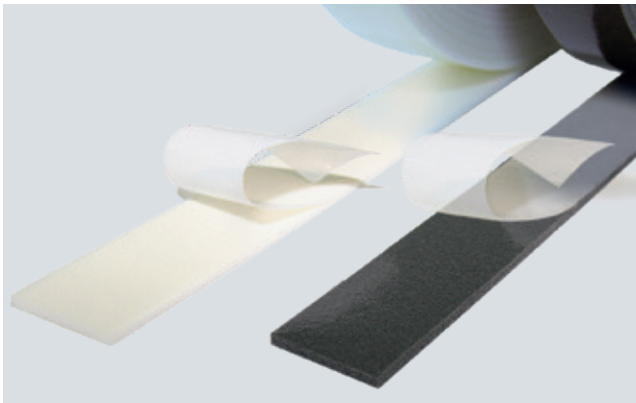


Installation example: ISO-ZELL FIX-TAPE

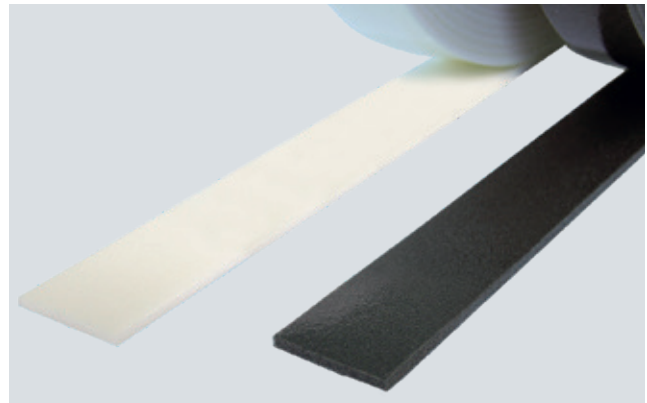


ISO-ZELL PE-TAPE AND FIX-TAPE

Technical data	Standard	Classification
Material description		closed cellular, cross linked PE-foam
Colour		anthracite, white
Compression set:	ISO 3386-1	
Compression 25%		≤ 35 kPa
Compression 40%		≤ 65 kPa
Compression 50%		≤ 95 kPa
Temperature stability range	internal	approx. -40 °C to approx. +80 °C
Thermal conductivity	DIN EN 12667	$\lambda_{10, tr} \leq 0.040 \text{ W/m} \cdot \text{K}$
Water absorption (7 days)	internal	≤ 1.0 Vol. %
Behaviour in case of fire	DIN 4102	B2
Dimension tolerance	DIN 7715 T5 P3	requirements fulfilled
Shelf life		1 year, dry and in original packing
Storage temperature		+5 °C to +20 °C



ISO-ZELL PE-TAPE: with removable protective backing



ISO-ZELL FIX-TAPE: one face silicone treated, allowing direct adhesive application, without a release paper

FINISHES

- single or double sided self-adhesive
- tension strengthening finish available
- FIX-TAPE: one face silicone treated, allowing direct adhesive application, without a release paper
- PE-TAPE: with removable protective backing

DIMENSIONS

thickness: 2 – 10 mm

width: 7 – 100 mm

alternative dimensions available on request

SERVICE

- standard sizes available from stock
- private label and / or special labelling available
- non-standard widths available on request
- competent experienced technical support available in the field and by phone

PACKAGING

rolls:

roll length 20 m (2 – 3 mm material thickness)

roll length 10 m (from 4 mm material thickness)