

ASTORflex/EPDM-L 15312

Foamed EPDM-Light sealing band

ASTORplast
SELBSTKLEBETECHNIK



ASTORflex/EPDM –L 15312

One side self-adhesive, black, closed cells EPDM-Light soft foam with excellent shape recovering and very good ageing properties, usable as versatile sealing band.

Attention: Thickness tolerance is greater than DIN 7715 part 5 P3

Product Properties & Applications

- Sealing band with very stable μ (moisture permeability coefficient) over the whole life
- Heat insulation material for construction
- Self-extinguishing
- CFC-free manufacture and PVC-free
- Very good ageing, UV-stability and resistance to Ozone
- Non sensitive to water
- Excellent shape recovery
- Very good temperature resistance
- Available thicknesses: 3 (+/- 1.0), 6 (+/- 1.0), 9 (+/- 1.5), 13 (+/- 1.5) and 16 (+/- 1.5) mm
- Available as two side adhesive or non-adhesive, as rolls or stamped parts
- Tested by Institute for Air Hygiene (Institut für Lufthygiene / ILH) Berlin acc. to DIN EN ISO 846. Suitable for use in RLT equipment as described by VDI 6022 (test report Nr. BM 06/08-15, dated 23 July 2007)

• Technical Data Foam

Foam	Closed cells EPDM-Light Foam
Bulk density DIN 53420	Approx. 45-65 kg/m ³
Temperature Resistance	-50°C up to + 125°C (short-term 175°C)
Water Vapor Transmission Rate ASTM C355	0.15
Water vapour permeability	$\mu > 5900$ (DIN 52615)
Thermal Conductivity	$\lambda > 0.036$ W/mK at 40°C ($\lambda > 0.033$ W/mK at 20°C)
Water absorption ASTM D1056	Max 1.5% Vol.
Shrinkage ASTM C548	5% after 7 days@ 93°C
Fire Resistance	Class B2 according to DIN4102 ASTM 635-81/ UL94 V0 EMPA 5.3

Technical Data Adhesive

Adhesive	Waterborne acrylate
Temperature Resistance	-40°C up to +100°C
Liner	Siliconised LDPE Film
Ageing properties	Very good

All data are single values and are not to be considered as specifications We recommend to perform own tests to ensure suitability.