

TECHNICAL DATA SHEET

MDESeal 18-A

November 2023

Description	Adhesive polyurethane foam with low density, suitable for gap filling and air and dust sealing in appliances, general industry, DIY etc.
Cellular structure	Open
Color	White
Thickness	From 5mm
Density (According to ISO 845)	18±2 Kg/m ³
Hardness 40% (EN ISO 2439:2009)	Min. 90 - Max. 145 N
Tensile strength (According to ISO 1798)	Min. 80 kPa
Elongation at break (According to ISO 1798)	Min. 120%
Compression set (According to ISO 1856)	8% @ 50% compression
Flammability	OK (According to BS EN 71-2) OK (According to TB 117-2013)
Adhesive	Non-woven, 12g/m ² modified polyacrylate
Liner	Release paper, yellow, 90g/m ²
Adhesive weight	45/65 g/m ²
Adhesive thickness	0.12 mm
Adhesive strength- steel (According to AFERA 5001)	Min. 16/21 N/25mm.* Contact time: 1h
Temperature resistance	From -40°C to +100°C
Application instructions	Surfaces must be clean, dry and smooth, free of voids, projections, loose materials, oil, grease, sealers, and all other surface contaminants
Important instructions	The product must be stored in its original packaging in a clean, dry, well-ventilated area. Low temperatures at the time of application may increase the possibility of condensation on the surface, which will reduce the final bond strength.
Treated with flame retardant	NO
Suggestions for disposal	It does not contain hazardous compounds such as cadmium, lead, CFCs, formaldehyde, etc. which require compliance to waste disposal regulations from 7/04/2009.

* Adhesive tape only, w/o the foam

The above given information has been provided by the producer and it should be considered as a guide. Given the variety of factors that can affect the use and performance of the product, user should evaluate to determine its suitability for purpose