

TECHNICAL DATA SHEET

MDESeal SC80-A

December 2023

Description	Semi-closed cell EPDM foam with a pressure-sensitive
	adhesive on one side. Extra-soft material with excellent
	adaptability to irregular surfaces, good watertightness when
	compressed, non-staining.
Cellular structure	Semi-closed cell EPDM foam.
Color	Black
Density (ISO 2781)	80 ±15 kg/m³
Thickness EPDM	3mm to 30 mm
Compression Deflection	1.5 - 3 kPa @25% compression
(ASTM D 1056)	2 - 6 kPa @50% compression
Compression Set 22h / 50% / 23°C (ASTM D1056)	<5 %
Tensile strength (ISO 1798)	104 kPa *
Ultimate Elongation (According to ISO 1798)	224%*
Water sealing 40% compression	≥ 96 h *
(VW TL 52065)	
Ozone resistance 20% d'allongement / 40°C / 200 pphm (ISO 1431-1)	> 336 h No cracking
Accelerated aging, 7 days, 70 °C (ASTM D1056)	11 % * - change of compression resistance
Thermal conductivity (ISO 8301)	0.04 W/(mK) *
Fire performance (FMVSS - 302)	Pass- thickness ≥ 4,5 mm
Adhesive type A	Modified acrylic adhesive
Total thickness	0.12 mm
Temperature resistance	From -40°C to +120°C (intermittent use)
Application	Designed for space filling and sealing against air, dust, noise and heat.
Compliant with	RoHS & REACH
Important instructions	The product must be stored in its original packaging in a clean, dry, well-ventilated area.
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.

* Average values

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

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