

Caravan Window Seal Material Data Sheet

Product Code: RC01124

Product Description

Our caravan window seal profiles are the ideal solution to replace existing, old or worn double-glazed opening window seals. We manufacture our caravan window seal profiles from a combination of solid and sponge EPDM rubber. These seals have been designed to fit as close to the original part as possible, while also providing superior durability and resistance.



Technical Specification

Properties - Solid EPDM	Values
Hardness (Shore A)	65° to 75°
Tensile Strength	8.5 Mpa
Elongation at Break	285%
Compression Set (22hrs @ 70°C)	20%
Operating Temperature Range	-40°C to +120°C
Aged (70hrs @ 70°C)	
Hardness Change	+1°
Tensile Strength Change	+4%
Elongation at Break Change	-9%

Properties - Expanded Sponge EPDM	Values
Density	0.5 to 0.9 g/cm ³
Water Absorption	2.5%
Compression Set (50%, 22hrs @ 23°C)	19%
Compression Deflection (25%)	80 KPa
Heat Resistance (168hrs @ 70°C)	
Compression Deflection Change	-4%

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Properties - Mastic Sealant	Values
Specific Gravity (ASTM D-71)	1.3 g/cm ³
Softening Point (ASTM D-36)	200°C
Elongation at 25°C	300% (min)
Operating Temperature Range	-40°C to +90°C

Properties - PVC Fixing Strip	Values
Hardness (Shore A) (ISO 868)	90°
Density (ISO 868)	1.52 g/cm ³
Tensile Strength (UNE 21-117)	14.2 Mpa
Elongation at Break (UNE 21-117)	250%
Operating Temperature Range	-10°C to +60°C

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