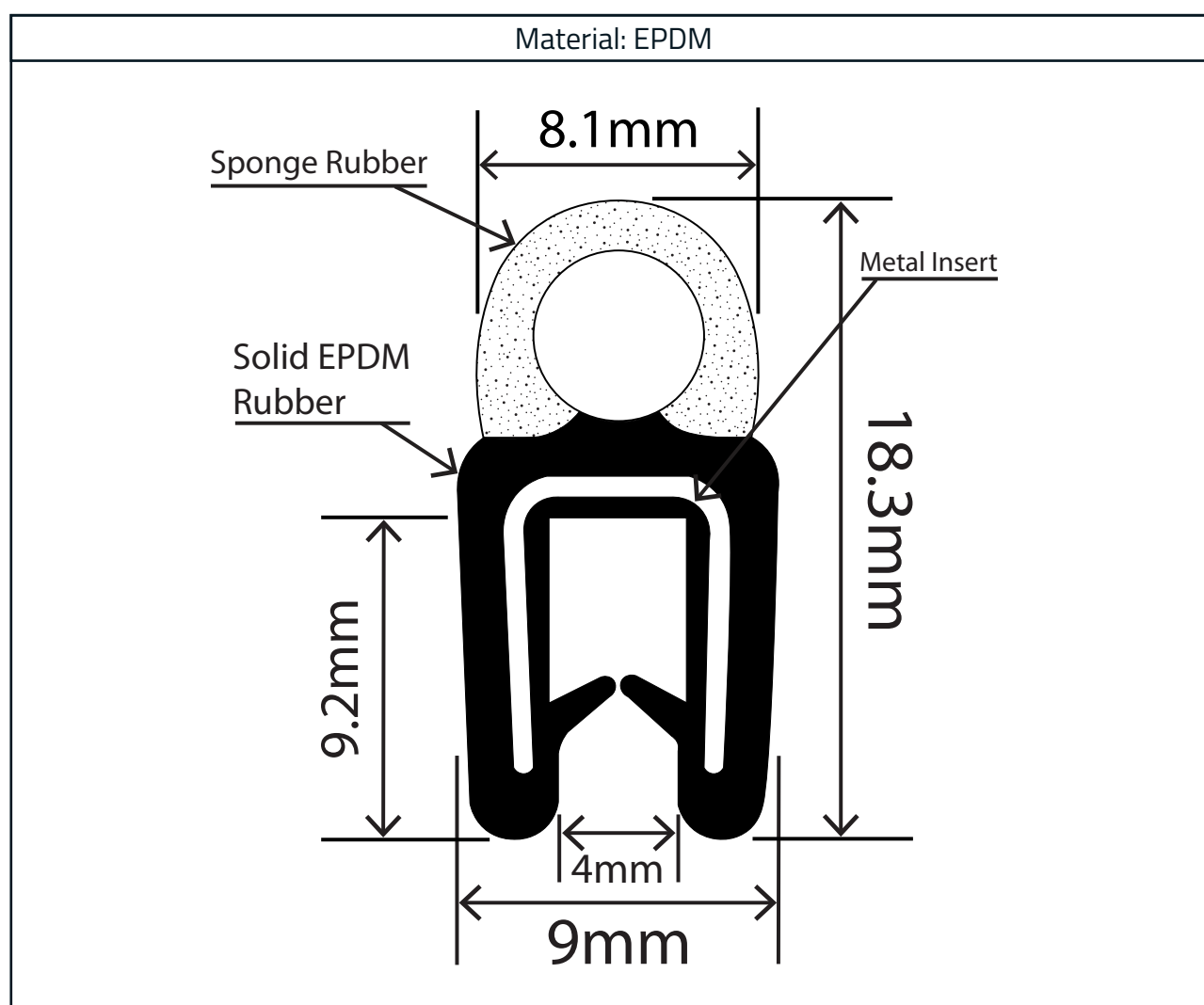


Self-Grip Top Seal - 9mm x 18.3mm

Product Code: RCTS9X18.3L



Measurements:

Height	Width
18.3mm	9mm

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Material Specification - Solid Rubber Body

This self-grip top seal profile is manufactured using a combination of solid rubber and sponge rubber with a metal carrier. This profile provides dual functionality; it provides a sealing function, while also covering sharp or unfinished edges. The hollow sponge rubber section is extremely flexible and is suitable for sealing doors, hatches, and in numerous other applications.

Recommended Compression

The compression of this top seal profile should not exceed a maximum of 50%, otherwise the compactness and the restoring force are affected. In practice, the profile should, ideally, be compressed between 30-40%.

Technical Data - EPDM Solid Rubber

Property	Test Method	Value
Compound	-	EPDM
Colour	-	Black
Hardness (Shore A)	ASTM D2240	80° ±5°
Tensile Strength	ASTM D412	80kg/cm ²
Tear Resistance	ASTM D624	3kg/mm
Brittle Point	ASTM D746	-40°C
Air Ageing (70 hours at 70°C)		
Compression Set	ASTM D395 Type B	40% (maximum)
Change in Shore Hardness	-	+2°
Change in Tensile Strength	-	+15%
Ozone Resistance (70 hours at 50°C, 50 pphm, 20% elongation)	ASTM D1149	NO CRACK



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Technical Data - Sponge Rubber

Property	Test Method	Value
Compound	-	Closed Cell EPDM
Colour	-	Black
Volume Mass (indicative)	-	550-600g/cm ³
Brittle Point	ASTM D746	-40°C
Ozone Resistance (70 hours at 40°C, 50pphm, 50% elongation)	ASTM D1149	NO CRACK
Water Absorption (22 hours at 23°C)	ASTM D1056	1.2% (maximum)
Tensile Strength	ASTM D412	7-10kg/cm ²
Tear Resistance	ASTM D624	0.6-0.8kg/mm

Technical Data - Metal Carrier

Property	Test Method	Value
H.R.B. (Rockwell Hardness)	-	80-90
Tensile Strength	-	50kg/mm ²
Type: Fe 50 - UNI 5961 - 67		

Profile Properties

Property	Test Method	Value
Compression Set (7 days at 70°C)	ASTM D1056	50% (maximum)
Stain of the Material in Contact with Organic Finished - Migration Stain - Contact Stain	ASTM D925	Satisfactory Satisfactory
Colour Fastness	ASTM D750	Satisfactory
Operating Temperature Range	-	-40°C to +80°C



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