

Specification Sheet / 01 A316 (EN) Closed Cell EPDM Sponge



Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

Property	Result
Colour	Black
Size - skin / skin	2000mm x 1000mm x 50mm (± 2mm)
Compression @ 25% Deflection (kPa) ASTM D1056	20-65
Compression Deflection @ 50% (kPa) ASTM D1056-00	80 - 160
Density (kg/M³) ISO 845-95	90-140
Compression Set (50% 22h) ASTM D1056 @ 23°C	less than or equal to 35%
Compression Set (50% 22h) ASTM D1056 @ 40°C	less than or equal to 60%
Water absorption, maximum change in weight (%) ASTM D1056	less than or equal to 10%
Heat Ageing, Change in Compression Deflection, 168 hrs @ 70 °C ASTM D 1056-07	+/- 30%
Flammability FMVSS 302	Burn Rate < 100mm
Elongation at Break (%) ISO 1798	greater than or equal to 100%
Tensile Strength ISO 1798	greater than or equal to 200 kPa
Tear resistance ISO 34-1	greater than or equal to 0.9 kN/m
Temperature Range (constant)	-40°C/+80°C
Temperature range (intermittent)	+110°C
Resistance to Air and UV	Excellent
Resistance to Oil	Poor
Resistance to Acids	Good
Ozone resistance ISO 1431-1	Resistant to cracking
Environmental Protection	CFC and HFC Free. Can be recycled
Specification ASTM D1056-00 AFNOR	2A1/2 B2CP

Change Control Date	Change
30/07/2013	Created
01/12/22	updated



The above figures are average values.
We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

