

Specification Sheet / 01

A317 Closed Cell Expanded Firm Grade EPDM



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

Test Item	Test Method	Unit	Average	Norm
Dimensions		mm	1850 +/- 3% x 1000 x 40 +/- 2%	
Colour			Black	
Cellular structure			Closed	
Density		kg/m3	100-150	
Hardness	Shore 00	SH 00	60/70	
Shore hardness 00		50-60°	ASTM D 2240	
Compression deflection 25 % deflection	ASTM D1056-07	kPa	76	65-90
Compression deflection 50% Deflection	NF R 99211 80	kPa	175	120-230
Water absorption	ASTM D 1056-07	%	2	<=5
Compression set 22h / 50% / 23 °C	ASTM D1056-07	%	29	<35
Ultimate elongation	ISO 1798	%	106	106
Tensile Strength	ISO 1798	kPa	865	865
Tear Resistance	ISO 34-1 (B-a) / ASTM D624 DIE C	kN/m	2.7	2.7
Ozone Resistance	ISO 1431-1	20% Elongation / 40°C / 200 pphm	> 336 h	No Cracking
Temperature Range	Continuous (7 Days)	°C	-40°C to + 70°C	
Temperature range	Intermittent (5 Hours)	°C	up to 80°C	
Environmental protection		RECYCLABLE	(EC) N° 1907/2006 (REACH)_2000/53/EC_2011/65/EU(ROHs)_IMDS_GADSL_CFC free	
General indications		n/a	Good tensile and compressive strength with high ageing resistance	

Change Control Date	Change
27/02/2020	Created
23/11/2022	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 W1007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

