

Specification Sheet / 01

A317 Closed Cell Expanded Firm Grade EPDM



Test Item	Test Method	Unit	Average	Norm
Dimensions		mm	1850 +/- 3% x 1000 x 40 +/- 2%	
Colour			Black	
Cellular structure			Closed	
Density		kg/m ³	140-170	
Hardness	Shore 00	SH 00	55-65	
Cellular Structure		Closed		
Shore hardness 00		50-60°	ASTM D 2240	
Compression deflection 25 % deflection	ASTM D1056 00	kPa	72	65-90
Compression deflection 50% Deflection	NF R 99211 80	kPa	164	120-230
Water absorption	ASTM D1056 00	%	2	<=5
Compression set 22 h 23 °C	ASTM D1056 00	%	22	<35
Linear shrinkage	22h / 70°C	%	0.5	<10
Ultimate elongation	DIN53571	%	188	<140
Tensile Strength	DIN53571	kPa	997	>800
Tear Resistance	NF R 99211 80	kN/m	1.18	>0.8
Ozone Resistance	200 pphm / 40°C / 336h	200 pphm 30°C/24h 20% Elongation, No Cracking	No Cracking	
Corrosive effect on Copper and Silver	n/a		Corrosive	
Temperature Range	Continuous	°C	-40°C to + 70°C	
Temperature range	Intermittent	°C	up to 80°C	
Environmental protection		n/a	CFC Free, complies with the European prescription 2000/53/CE on heavy metals	
General indications		n/a	Good tensile and compressive strength with high ageing resistance	

Change Control Date	Change
27/02/2020	Created



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.

