

# Specification Sheet / 01

## A320 / 120 Black Closed Cell EPDM/CR Sponge



ISO9001, ISO14001, ISO45001  
Certificate Ref: 11738

Requirement / Specification	Specification Limits	Test Method
Size - skin / skin (mm)	2000 x 1000 x 54 (±4)	
Compression @ 25% Deflection (kPa)	45 (+/- 10%) kPa	ASTM D1056 : 2007
Compression Deflection @ 50% (kPa)	100 (+/- 10%) kPa	ASTM D1056 : 2007
Density (kg/M <sup>3</sup> )	115 ± 10%	ASTM D 3573 : 2008
Water absorption, max. change in weight (%)	4 (+/-) 10%	ASTM D1056 : 2007
Heat ageing test (100°C +/- 1°C, 72h) change in tensile strength	25 ± 10%	ASTM D 1056 : 2007
Heat ageing test (100°C +/- 1°C, 72h) change in elongation	-15 ± 10%	ASTM D 1056 : 2007
Flammability FMVSS 302	Burn Rate < 100mm	Pass
Flammability UL94 HBF		Pass
Elongation at Break (%)	120 (+/-) 10 %	ASTM D 3575 : 2008
Tensile Strength (kPa)	400 (+/-) 10%	ASTM D 3575 : 2008
Heat Resistant (°C)	140(+/-) 20	-40 TO + 85 °C
Resistance to Air + UV		Excellent
Resistance to Oil		Poor
Resistance to Acids		Good
Environmental Protection		CFC and HFC free / Can be recycled
Specification	ASTM D1056-00 AFNOR 99-211	2A2 B2C 2CO8/3C08 B3 C2

This material passes the 3C08 requirements but the majority polymer is EPDM

Change Control Date	Change
30/07/2013	Created
24/11/22	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 W1007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.  
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

