

Polymer Works, Hope Street
Dudley, West Midlands DY2 8RS

t: 01384 252555

f: 01384 252373

e: technical@advancedseals.co.uk



<http://www.advancedseals.co.uk>



ISO9001, ISO14001, ISO45001
Certificate Ref: 11739

Specification Sheet / 01

A311RK Medium Grade Neoprene Sponge

Details

Item:	Cellular Rubber
Part Number:	A311RK
standard sheet size:	1000mm x 2000mm

Standard Specification

Density	115 ± 10%	Kgm ³	ASTM D 3575 : 2008
Tensile strenght	400 ± 10%	kPa	ASTM D 3575 : 2008
Elongation	120 ± 10%	%	ASTM D 3575 : 2008
Water absorbtion (Max.)	4 ± 10%	%	ASTM D 1056 : 2007
Ozone Resistance test	(50±5pphm,40±2°C ,20%,72h)	No cracking	ASTM D 1149:2007
Heat Resistant	140 ± 20		

Compression Strenght

at 25% deflection	45 ± 10%	kPa	ASTM D 1056 : 2007
at 50% deflection	100 ± 10%	kPa	ASTM D 1056 : 2007

Heat Aging test (100°C ± 1°C, 72h)

Change in tensile strength	25 ± 10%		ASTM D 0573 : 2004
Change in elongation	-15 ± 10%		ASTM D 0573 : 2004

Change Control Date

27/10/2023	Change
	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 WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

