

Specification Sheet / 01 Viton ® A



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

Description

A Genuine European Manufactured Chemours ® Viton ® A Fluoroelastomer Rubber Sheet. A number of Materials are referred to as Viton however only European or USA manufactured material carries the assurance of being a genuine Chemours ® polymer. Typically used for its resistance to High temperature, Oils & Chemicals

Properties	Units	Standards	Values
Colour		Black	
Shore hardness	Shore A	ASTM D2240	70 +-5
Elongation at Break	%	ASTM D412	200 minimum
Heat ageing- Change in Elongation at Break	%	ASTM D412	>45 for 70 hours @150c
Heat ageing change in hardness	Shore degrees	ASTM D2240	<10 shore 70 hours @ 150 c
Working Temperature	°C		-20 / 250
Intermittent Working Temperature	°C		315 short bursts only
Specific Gravity		ASTM D2240	1.84 g/cm3 +-0.05
Tensile Strength	mpa	ASTM D412	7 minimum
Heat ageing change in Tensile Strength	%	ASTM D412	<20 70 hours @ 150c
Oil Swell IRM901	%	None	2
Oil Swell IRM903	%	None	10

Compression Set	Cond. Temp.	Unit	Values
Standard ASTM D395 Method B	175°C 22h	% Max	55

Change Control Date	Change
15/11/18	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.

