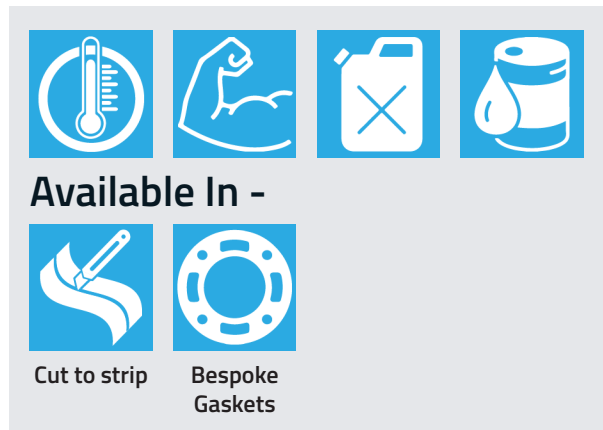


Novus Non Asbestos Gaskets Material Datasheet

Product Code: RC1103

Product Description

Our diverse range of novus non asbestos gaskets provide exceptional sealing qualities in both high temperature and high-pressure applications. This product is available in selection of different material specifications to suit your exact requirements. We can also work with you to produce gaskets to your exact requirements.



Technical Specification

Properties	Test Method	Values					
Grade	-	Novus 10	Novus 20	Novus 30	Novus 34	Novus 45	Novus 49
Density	-	1.57 g/cc	1.90 g/cc	2.00 g/cc	1.75 g/cc	1.90 g/cc	1.65 g/cc
Thickness Range	-	0.4-6mm	0.25-6mm	0.4-6mm	0.25-6mm	0.4-6mm	0.4-6mm
Tensile Strength	ASTM F152	13 MPa	14 MPa	12 MPa	9-11 MPa	12 MPa	13 MPa
Compression	ASTM F36	11%	8%	9%	9%	10%	11%
Recovery	ASTM F36	62 %/min	55 %/min	50 %/min	55 %/min	50 %/min	55 %/min
Residual Stress	BS 7531 (300°C)	25 MPa	23 MPa	23 MPa	26 MPa	18 MPa	26 MPa
Gas Leakage	BS 7531	<1 cc/min	<1 cc/min	<1 cc/min	<1 cc/min	<1 cc/min	<1 cc/min
ASTM Oil 1	Thickness increase	1.0%	2.0%	2.0%	1.0%	2.0%	1.0%
IRM 903 Oil	Thickness increase	2.5%	5.0%	5.0%	2.5%	5.0%	2.5%
ASTM fuel B	Thickness increase	2.5%	2.5%	4.0%	3.0%	6.0%	2.5%
Max Temperature	-	425°C	400°C	400°C	450°C	300°C	420°C
Max Pressure	-	100 Bar	80 Bar	80 Bar	100 Bar	60 Bar	100 Bar-



ISO
9001 : 2015
REGISTERED

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.