



Product information

CURED 1 SIDE / UNCURED 1 SIDE HIGH TEMPERATURE GRADE RED IRON OXIDE SILICONE / GLASS FABRIC

Temperature Range: -60°C to 270°C Continuous / 300°C Intermittent

MECHANICAL PROPERTIES

BASIC FABRIC: GLASS FABRIC	VALUE
Composition: Warp Weft	Glass Glass
Weight:	204g/m ²
Warp Count	680 d'tex
Weft Count	680 d'tex
Weave:	Plain
Thickness:	0.18mm
Reference:	EKC161

COMPOUND CHARACTERISTICS	VALUE
Composition:	Silicone Rubber
Weight:	1.20Kg/m ³
Shore Hardness	60°
Adhesion:	>9N/mm

For full information about the Silicone Rubber properties – see reverse of this sheet.

Finished Article Characteristics

Specification	Construction (Sil + Glass + Sil)	Thickness	Width
JF/HT 01/01-160	0.11 + 0.18 + 0.11	0.4mm (+0.05/-0.02mm)	610mm (+10 / -0mm)
JF/HT 01/01-160	0.16 + 0.18 + 0.16	0.5mm (+/-0.1mm)	1000mm (+/-10mm)
JF/HT 02/02-160	0.21 + 0.18 + 0.21	0.6mm (+/-0.1mm)	1000mm (+/-10mm)
JF/HT 03/03-160	0.31 + 0.18 + 0.31	0.8mm (+/-0.1mm)	1000mm (+/-10mm)

Issue 1

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Check out the download area of our website
www.j-flex.co.uk for other product information



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J-FLEX RUBBER PRODUCTS

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HIGH TEMPERATURE SILICONE RUBBER 60° SHORE 'A'

<u>PROPERTY</u>	<u>TYPICAL VALUE</u>	<u>TEST METHOD</u>
<u>HARDNESS :</u>	60°(+/-5°) Shore A	ASTM D2240/ DIN53505
<u>TENSILE STRENGTH :</u>	8.3MPa 1204 psi	BSISO 37 DIN 53504 die S1 ASTM D412 Die C
<u>ELONGATION @ BREAK :</u>	393%	BSISO 37 ASTM D412 Die C DIN 53504-S1
<u>TEAR STRENGTH :</u>	17.8 N/mm	BSISO 34-1 method C
<u>COMPRESSION SET:</u>		
24 hrs @ 150°C	15% (Max: 35)	BS 903 Pt A6 Type B DIN 53517 Type II
22 hrs @ 300°C	15% (Max: 35)	ASTM D395 method B type 2
<u>TEMPERATURE RANGE :</u>	-60°C to +270°C Continuous - 300°C Intermittent	

White, Blue and Red Iron Oxide variants contain only ingredients that are listed by the American Food & Drugs Administration (FDA) under the 21 CFR number 177-2600.

These products meet the flammability requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv) and (a)(1)(v) horizontal flammability tests.

Silicone Rubber Products have an excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic radiation, ionising radiation and weathering in general.

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