



Product information

CURED 1 SIDE / UNCURED 1 SIDE PASTEL RED SILICONE GRADE: 270 / GLASS FABRIC FLAME RETARDANT FR UL V(0)

Temperature Range: -60°C to 230°C

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 CHARACTERISTIC	VALUE
Composition:	Silicone Rubber
Weight:	1.29Kg/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/FR 01/01-160	0.11 + 0.18 + 0.11	0.4mm (+0.05/-0.02mm)	610mm (+10 / -0mm)
JF/FR 01/01-160	0.16 + 0.18 + 0.16	0.5mm (+/-0.1mm)	1000mm (+/-10mm)
JF/FR 02/02-160	0.21 + 0.18 + 0.21	0.6mm (+/-0.1mm)	1000mm (+/-10mm)
JF/FR 03/03-160	0.31 + 0.18 + 0.31	0.8mm (+/-0.1mm)	1000mm (+/-10mm)

Issue 1

October 2009

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



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UNCURED UNSUPPORTED SILICONE RUBBER

PASTEL RED GRADE: 270 – FR UL V(0)

Temperature Range: -60°C to 230°C

MECHANICAL PROPERTIES

Property	Units	Specification Limits	Typical Value	Test Method
Hardness	Shore A	60±5	60	ASTM D2240
Tensile Strength	Mpa	5.5 min	7.0	BS ISO37
Elongation to Failure	%	130 min	190	BS ISO37
Density	g/cm ³	1.29+/- 0.03.	1.30	BS 903 A1
Tolerances Thickness	mm	+/- 0.1	-	In House

The material has been tested in accordance with the requirements of UL V(0) under in-house laboratory procedures & condition. The in-house testing verification is qualified on a 2mm thick sample & conditioned for 4 hrs @ 200°C, on each delivery a batch test report will be issued by our in-house test laboratory”.

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