

# J-FLEX MATERIAL DATA SHEET

FDA COMPLIANT

METAL DETECTABLE SILICONE

MOULDED SHEET & EXTRUSION GRADE



PHYSICAL PROPERTIES	TYPICAL VALUES
COLOUR:	Blue
HARDNESS:	60° Shore 'A'
DENSITY:	1.27 gr/cm <sup>3</sup>
TENSILE STRENGTH:	7.0 N/mm <sup>2</sup>
ELONGATION @ BREAK:	400%
TEMPERATURE RANGE:	-60°C to 200°C Continuous

**Notes:** Metal detectable iron powder cut to 300 fine mesh in the ratio of 15 p.p.h. complete with silicone rubber binder.

The above typical values are obtained from moulded test pieces cured for 10 minutes @ 170°C and post cured for 4 hours @ 200°C.

The raw materials used to manufacture this material are listed in the FDA regulations.

**Typical Applications:-** Metal detectable seals, gaskets, joints and strips used in sensitive food, drink and pharmaceutical applications.

Issue 1

October 2004



**J-FLEX**

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