

# MATERIAL DATA SHEET

## 'VAC-SIL PRO®' HIGH ELONGATION SILICONE SHEET



PROPERTY	VALUE	TEST METHOD
COLOUR:	Light Blue	
HARDNESS:	55° Shore A (+/-5°)	ASTM D2240 DIN 53505
TENSILE STRENGTH:	9 Mpa	BSISO 37 DIN 53505 die S1 ASTM D412 Die C
ELONGATION @ BREAK:	700%	BSISO 37 DIN 53504 die S1 ASTM D412 Die C
TEAR STRENGTH:	35 N/mm	BS ISO 34-1 method C ASTM D 624 B
COMPRESSION SET: 175°C for 22 hours	24%	BS 903 PT A6 TYPE B DIN 53517 type II ASTM D395 method B type 2
SPECIFIC GRAVITY: (DENSITY)	1.25g/cm <sup>3</sup> (+/-0.5)	ISO 2781 BS 903 A5
RESILIENCE:	38%	ASTM D1054 / D2632
TEMPERATURE RANGE:	-60 to +230°C	
POST CURED:	5 Hours @ 175°C	
FLAME RESISTANCE	External laboratory testing indicates that Vac-Sil PRO® meets the requirements of UL94 HB. HB conforming materials are considered to be self extinguishing. (Tested by Exova Warringtonfire – May 2015)	

**Limited Warranty:** For a period of 6 months from date of first sale, J-Flex warrants this product(s) To be free from defects in manufacturing. Our obligation will be to provide replacement product for any portion proving defective.

**Disclaimer:** The information contained in this document describes the features of the J-Flex product(s) as tested in a laboratory environment at a temperature of 23°C at 50% relative humidity (i.e. standard test procedures). It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications or life cycle length.

Issue 3

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May 2015



**J-FLEX**

High Performance Elastomer Sheetings & Manufactured Components

Units 1 & 2, London Road Business Park, Retford,  
Nottinghamshire, DN22 6HG, United Kingdom

tel: +44 (0) 1777 712 400 fax: +44 (0) 1777 712 409  
[www.j-flex.co.uk](http://www.j-flex.co.uk)

