



SILEX
SILICONES

DATA SHEET

Silicone Sponge - SIL 27 HT

Grades: Extreme Temperature Silicone Sponge

Product Form: Silex 'HT' series is a premium grade of Silicone sponge exhibiting high temperature capabilities ranging from -60°C to +270°C (300°C intermittently). These products have a predominantly closed cell structure, offering low water absorption.

Temperature Range: -60°C to +270°C and up to 300°C intermittently.

General Characteristics:

Property	Units	Spec Limits	Test Method
* Density	Kg.m ³	430±50	BSENISO 845
** Compression stress (40% strain)	kPa	190±40	BSENISO 3386 Part, 1,2
Compression Set 22hrs at 70°C	%	15 max	BSENISO 1856

* Density measured on 25mm diameter cord sample. The density of samples of different sizes will be different from that stated here.

** Compression Stress measured on samples as defined in BSENISO 3386. The compressive stress of samples of different dimensions, especially thickness, may vary from that quoted here.

For further information about physical properties for other sample sizes, please contact the technical department.

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The information contained within this data sheet is subject to change without notice.

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