



# DATA SHEET

## Silicone Sponge - SIL 24 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 <sup>3</sup>	400±50	BSENISO 845
** Compression stress (40% strain)	kPa	160±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.

This information and our technical advice, whether verbal, in writing or by way of trials, is given in good faith but without warranty. This also applies where proprietary rights are involved. Our advice does not release you from the obligations to check its validity and to test our products as to their suitability for the intended use. The storage, application and use of our products are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale.

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

### Silex Silicones Ltd

Unit 4-5 Broxhead Trading Estate, Lindford, Bordon, GU35 0JX  
 Tel: +44 1420 487130 Fax: +44 1420 489274 Email: [info@silex.co.uk](mailto:info@silex.co.uk)  
[www.silex.co.uk](http://www.silex.co.uk)

Registered Company NO: 1951973 Place of Registration: England & Wales  
 VAT No: 432349855