

Product Data Sheet

Version 03/2013 (01/2014)

Sika® Spacer Tape HD**Self-Adhering, Open-Cell Polyurethane Foam Spacer Tape****Technical Data**

Chemical Base	Open-cell polyurethane foam
Colour	Black, Grey
Shore A Hardness (ISO 868)	30 approximately
Tensile Strength (ISO 37)	0.9 N/mm ² approximately
Elongation at Break (ISO 37)	100% approximately
Force to Compress, 10% (ASTM D-1667)	0.1 N/mm ² approximately
Thermal Conductivity (ASTM C-518)	0.079 W/m·K
Application Temperature	15°C to 50°C
Service Temperature	-40°C to 80°C
Storage	Store in cool, dry place
Shelf Life	12 months

Description

Sika® Spacer Tape HD is an open-cell, high strength polyurethane foam structural glazing and cladding spacer tape with a pressure sensitive adhesive and polyethylene liner on both sides. Sika® Spacer Tape HD passes the 3000 hours UV radiation test (ASTM G23-69). Sika® Spacer Tape HD is manufactured in accordance with ISO 9001 Quality Assurance Systems.

Areas of Application

Sika® Spacer Tape HD is typically used in structural glazing assemblies to adjust the correct joint dimensioning. This open-cell PU foam tape allows air and moisture to penetrate to allow the silicone adhesive to cure. This product is suitable for professional experienced applicators only. Tests with actual substrates under actual conditions are recommended to confirm adhesion and material compatibility.

Method of Application

Substrates must be clean, dry and free from grease, dust and loose particles. Align and apply the tape to one contact surface, making sure that the intended joint dimensions are respected. Press the tape onto the substrate. Remove the protective liner and immediately place the second substrate (previously cleaned per the instructions above) onto the tape.

Important Note

Sika® Spacer Tape HD will maintain its shape and size under most conditions, but is not intended to be used as a structural component. Once the Spacer Tape is applied, it must not be removed and reused. It is thus essential to position the tape carefully. Make sure the product is in contact with both surfaces. If unit is not correctly aligned, remove the used Spacer Tape, discard and repeat the application with new tape. Sika® Spacer Tape HD is compatible with Sikasil® SG, WT, WS and IG sealants and adhesives. All other sealants must be tested by the manufacturer for compatibility, and need to be approved by Sika before use. Sika® Spacer Tape HD may only be used in structural glazing or window bonding applications by experienced professionals and only after a detailed examination and written approval of the corresponding project details by the Technical Department of Sika Industry.

Further Information

Copy of the following publications are available upon request:

- Material Safety Data Sheet
- Various "Application Guidelines"



Industry

Packaging 4.8 x 6 mm x 15.25 m;
6.4 x 6 mm x 15.25 m;
6.4 x 8 mm x 15.25 m;
6.4 x 10 mm x 15.25 m;
8 x 8 mm x 7.6 m.

Value Bases All technical data stated in this Product Data Sheet are laboratory test-based. Current measured values may vary due to factors beyond our influence.

Health and Safety Information For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the current Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data for the appropriate type of substance. All Product Data Sheets and Material Safety Data Sheets are available from your local Technical Sales Representative and/or on our website at: www.sika.ca.

The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions, within their shelf life. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request or can be accessed in the Internet under www.sika.ca.

Sika Canada Inc.
601 Delmar Avenue
Pointe-Claire, QC H9R 4A9
Tel.: 514-697-2610
Fax: 514-697-3910

1-800-689-SIKA
www.sika.ca

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