

PRODUCT DATA SHEET

SikaSeal®-775

SELF-ADHESIVE, WELDABLE, EXPANDABLE SEALANT TAPE FOR AUTOMOTIVE BODY SHOP APPLICATIONS

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Rubber
Color (CQP001-1)	Black
Density	1.25 kg/l
Volumetric expansion	110% ^A
Standard Baking Conditions	20 minutes 170°C / 338°F ^B
Shelf life	3 months ^C

CQP = Corporate Quality Procedure

^ADepending on part geometry^BObject temperature^CStorage at 23°C / 50% R.H.

DESCRIPTION

SikaSeal®-775 is a self-adhesive, tacky, weldable sealant tape for use between welded seams. Applied to the body-in-white, this material expands to seal design gaps and protect sheet metal from corrosion. The material can be extruded to provide a consistent and reliable seal across complex contours. SikaSeal®-775 delivers a good sealing against odor, moisture, dust and other fluid intrusion.

PRODUCT BENEFITS

- Water resistant and weldable
- Room temperature application
- Maintains expansion properties through a broad bake temperature range

AREAS OF APPLICATION

SikaSeal®-775 shall be applied in the automotive body shop and is compatible with common body and paint shop treatments. It has been formulated to achieve good adhesion to automotive substrates. Its performance has proven capable in a wide variety of bake conditions from low temperature paint shop ovens to high temperature electrocoat ovens.

This product is suitable for professional experienced users only.

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Version 02.01 (02 - 2024), en_US

018117150008000000

METHOD OF APPLICATION

It is important to ensure that the product is applied to the substrate by using a consistent and uniform pressure, without stretching or twisting the parts. SikaSeal®-775 shall be applied immediately once removed from the shipping liner and then kept clear from any work-in-process, equipment, or materials prior to e-coat bake processing.

The surface must be clean, dry and free from grease, oil, water and dust. Application may only be processed on material and substrate temperatures between 20 °C and 35 °C.

Sika's Application Engineers will work with OEM's and Tier suppliers to outline robust application methods for assembling parts to vehicle body structures.

ADHESION AND DURABILITY

After exposure to standard automotive bake conditions, SikaSeal®-775 exhibits good adhesion to e-coated surfaces, including cold rolled and galvaneal steel. Adhesion is maintained after subjection to the various accelerated aging and weathering test conditions used in the automotive industry.

Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

STORAGE CONDITIONS

Material has to be kept dry at temperatures between 15 °C and 25 °C and at a relative humidity of maximum 50 %. Do not expose to sunlight. Storage outside of standard conditions can affect the shelf life.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Automotive. Copies of the following publications are available on request:

- Voluntary Safety Information Sheet

PACKAGING INFORMATION

Recyclable corrugate or returnable containers

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests only. Actual measured data may vary due to circumstances beyond our control.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by contacting SIKA's Technical Service Department via email at tsmh@us.sika.com. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.** Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling +1 800-933-7452.

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