

# SikaLastomer® - 65

## Isobutylene-Isoprene Copolymer Tape

### Technical Product Data (typical values)

Chemical base	Butyl
Color	White
Specific Gravity (ASTM D 792)	1.35 approx
Total solids (ASTM C 771)	100%
Penetration (ASTM D 217)	cone at 77 °F / 300 gr. 8.5 to 10.0 mm
Flexibility (AAMA 800-92) (ASTM C 734)	No cracking or loss of adhesion at -60 °F (-51 °C).
Elongation <sup>1</sup> (ASTM C 908)	1150% min.
Staining (ASTM D 925)	Will not stain painted or unpainted surfaces.
Vehicle bleed out (ASTM C 771)	158 °F (70 °C) for 21 days No exudation of vehicle on Whatman No. 40 filter paper
Crazing to acrylic plastics	Will not craze plastics.
Application temperature	product -4 °F to 120 °F (-20 °C to 49 °C)
Tensile adhesive strength <sup>1</sup> (ASTM C 907)	20 psi min. (Cohesive failure)
Peel adhesion (ASTM D 3330 –modified 90° peel)	6 lbs/in. min. (Cohesive failure)
Weatherability (ASTM G 53) (1000 h exposure)	No cracking, bleeding or loss of rubbery characteristics.
Static water head test (MBMA ice damming)	Sealant passes 8 in. water head in an erected interlocked panel joint.
Service temperature	permanent -60 °F to 212 °F (-51 °C to 100 °C)
Shelf life (storage below 80 °F (27 °C))	18 months

<sup>1)</sup> 77 °F (25 °C)

### Description

SikaLastomer®-65 Isobutylene-Isoprene Copolymer Tape is a high performance, high rubber content tape designed for superior webbing and quick-flow resistance properties. This product demonstrates superior surface tack which remains permanently elastic and is designed to bond through oily GALVALUME®, KYNAR 500®, aluminized steel, ZINCALUME®, galvanized metal, aluminum, siliconized polyester and polyvinyl fluoride painted metals, glass, wood, concrete, fiber-reinforced plastics, FRP and similar

substrates. Its superior surface tack affords tenacious adhesion to these substrates without pre-wiping the surface even at temperatures as low as -5 °F. It is designed for higher tensile strength and webbing/elongation requirements encountered in standing seam endlaps in metal construction. Where superior tensile strength and extensibility (webbing/elongation) are critical in both hot and cold climates use Isobutylene-Isoprene Copolymer Tape rather than general purpose butyl tapes. It will remain soft and pliable at temperatures as low as -5 °F to facilitate roof panel

assembly. SikaLastomer® is formulated without asbestos fillers. SikaLastomer®-65 contains a special additive which inhibits a broad spectrum of microbial activity.

### Product Benefits

- Superior surface tack
- Permanent elasticity
- High tensile strength
- Webbing/Elongation
- Contains additive to inhibit microbial growth
- Asbestos Free

Industry



## Areas of Application

Specifically developed for sealing critical Standing Seam Roof (SSR) endlaps and lap joints for metal building roofs, skylights, roof curbs, smoke vents, air conditioning equipment, curtain wall joints and perimeter areas around windows and doors. Designed for sealing polyethylene sheeting, exposed, concealed exterior lap joints of aluminum, steel, coated metals, wood, roof rails and door hinges in transport equipment. Waterproofs rivet seams and lap seams in truck trailers and RVs. Excellent for sealing between dissimilar metals to prevent electrolysis.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

## Chemical Resistance

Excellent resistance to water, ozonated water, water vapor and alcohols. Fair to weak resistance for acids and bases. Poor resistance to organic solvents. The above information is offered for general guidance only. Advice on specific applications will be given on request.

## Method of Application

### Surface preparation

Apply to clean, dry surface. Advice on specific applications is available from the Technical Service Department of Sika Industry.

### Application

Unroll and press into place.

### Removal

Clean up with mineral spirits.

## Limitations

Mechanical fasteners must be used with this product. Surfaces must be clean, dry and frost free for proper

adhesion. If applied below 40°F, product must be stored in a warm location.

## Meets following qualifications

MIL-C-18969B, Type II, Class B
TT-C-1796A, Type II, Class B
AAMA 804-92 and AAMA 807-92
FDA for packaging and transporting food as listed in CFR Title 21
USDA Approved for incidental food contact
Freight class: Caulking Compound, NOIBN, NMFC #149610, Class 55

## CAUTION: IRRITANT.

Product may act as a mechanical eye irritant. May be harmful if swallowed. No special ventilation, eye, face, skin or respiratory protection required. **Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.** Strictly follow all usage, handling and storage instructions.

## HMS

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

## First Aid Measures

**Eyes** – Rinse eyes thoroughly with water for 15 minutes. Consult physician. **Skin**-None required. In accordance with good hygienic practice, wash with soap and water after use. **Ingestion** – Do not induce vomiting. If discomfort persists, consult a physician.

## Further Information

Copies of the following publications are available on our website [www.sikaindustry.com](http://www.sikaindustry.com):

- Material Safety Data Sheets
- Product Data Sheet
- Sika Primer Chart
- General guidelines for bonding and sealing with Sika products

## In case of emergency call:

**Chemtec: 800-424-9300**

**International: 703-527-3887**

For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Material Safety Data Sheets containing physical, ecological, toxicological and other safety related data. It is highly recommended to read the actual Material Safety Data Sheet before using the product.

- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**
- **FOR INDUSTRIAL USE ONLY**

## Packaging Information

Rolls	Multiple sizes
Endlap pads	Multiple sizes

## Value Basis

All technical data stated on this Product Data Sheet are based on the results of laboratory tests only. Actual measured data in the field may vary due to site specific conditions which are not known to Sika and beyond our control.

## Handling and Storage

Avoid direct contact. Wear protective equipment (chemical resistant gloves/safety glasses/clothing to prevent contact with skin and eyes. Use only in well ventilated areas. Store in a cool dry place.

## Clean Up

Without direct contact, sweep up excess product and place in a suitable sealed container, taking care to minimize dust. Dispose of excess product in accordance with applicable environmental regulations.

Further information available at:  
[www.sikaindustry.com](http://www.sikaindustry.com)

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### Limited Material Warranty

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 shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES IMPLIED OR EXPRESS 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.**

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All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of

the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s).

Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at [www.sikacorp.com](http://www.sikacorp.com) or by calling 201-933-8800.

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Material Safety Data Sheet which are available at [www.sikaindustry.com](http://www.sikaindustry.com). Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Material Safety Data Sheet prior to product use.

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