

Ethylene Propylene Copolymer Tape

Technical Product Data (typical values)

Chemical base		Butyl
Color		Black
Specific Gravity (ASTM D 792)		Typical 1.19
Total solids (ASTM C 771)		100 %
Penetration (ASTM D 217)	cone at 77°F / 300 gr.	77°F +/- 2°F 80 to 95 (8.0 to 9.5mm)
Flexibility (ASTM C 765)		No cracking or loss of adhesion at -20°F(-30°C) when bent around 3/8" mandrel (9.5mm)
Elongation ² (ASTM C 908)		700 % minimum at 77°F
Staining (ASTM D 925)		Will not stain painted or unpainted surfaces.
Vehicle bleed out (ASTM C 772)	158°F (70°C) for 21 days	No exudation of vehicle on Whatman No.40 filter paper after exposure to 158°F (70°C) for 21 days.
Crazing to acrylic plastics		Will not craze plastics.
Tensile adhesive strength ² (ASTM C 907)		Normal 77°F 18 psi Typical Failure mode 100% cohesive
Resistance to Fungus/Mildew growth		Will resist fungal attack and not support mildew growth.
Corrosivity		Aluminized: None Galvanized Metal: None
Weatherability (ASTM G 53) (1000 h exposure)		Excellent condition; no loss of adhesion, flexibility or softness, no loss of rubbery characteristics.
Service temperature	permanent	-20°F to 180°F (-30°C to 82°C)
Shelf life (storage below 80°F (25°C))		12 months

¹⁾ 73°F (23°C) / 50% r.h. ²⁾ 77°F (25°C)

Description

Ethylene Propylene Copolymer Tape is a high performance, non-drying, non-hardening, industrial grade tape formulated with reinforced rubber and inert inorganic, non-asbestos fillers. This product affords excellent webbing and elongation properties. It also has superior weathering characteristics and retains adhesion and elasticity in weather extremes for prolonged periods. This product contains

a special additive which inhibits a broad spectrum of microbial activity. This product is manufactured in accordance with ISO 9001 / 14001 quality assurance system and the responsible care program.

Product Benefits

- Resistance to fungus / Mildew growth
- Almost odorless

Areas of Application

Copolymer tapes are specifically formulated for sealing bolted lap joints of galvanized and epoxy painted metals. They are also designed for sealing concrete, EPDM rubber sheeting, metal sewer pipes, glass, plastic, polyethylene sheeting and wood.

Chemical Resistance

Excellent 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

Advice on specific applications is available from the Technical Service Department of Sika Industry.

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.

Slight Irritant: No respiratory effects known, however may be slightly irritating to the skin and can be a mechanical irritant if contact with eye. Can cause discomfort if ingested.

HMIS

Health	0
Flammability	1
Reactivity	0
Personal Protection	B

First Aid Measures

Wash with soap and water if skin irritation develops. Guard against further contact. Rinse eyes with water to remove material.

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

Clean Up

Scrape up and put into suitable container. Dispose of in accordance with Federal, State and Local environmental regulations.

LIMITED WARRANTY

This product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Technical 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.

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