



SM5195

WIDE PANEL SEALANT/ ADHESIVE

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

Tacky Tape® SM5195 has been specifically designed to adhere and seal flexible and rigid panels to a variety of surfaces with and without the use of primers. SM5195 is based on a hybrid synthetic elastomeric backbone, formulated to yield excellent adhesion strength to the flexible and rigid panels and many substrates. It also provides excellent exterior weathering and UV resistance. The sealant/ adhesive tape's high modulus, tensile strength and tenacious adhesion allow it to resist flow, sag and/or uplift at elevated outside temperatures.

ADVANTAGES:

- Easy to apply by hand (User friendly)
- Room temperature application
- 100% solid, non-hazardous, non-toxic and Green product
- Compatible with most paving substrates and roofing materials
- Tenacious adhesion to painted metals, PVC, EPDM, TPO, concrete, asphalt, and Urethane
- Permanently flexible and elastic over wide range of temperatures
- Allows for joint movement of up to $\pm 25\%$
- Resists the formation of mildew and fungus by inhibiting microbial activity
- Excellent resistance to water, water vapor, and alcohols

APPLICATION:

Peel off the release paper liner and apply by hand to the wide panel with release film on top. Before the panel is installed, remove the release film and lay the wide panel with the sealant tape on the substrate and apply pressure by hand on the panel to obtain maximum adhesion and to ensure positive seal. For optimum results, apply the sealant/ adhesive tape onto clean and dry surfaces.

PACKAGING:

This product is available through ITW Polymers Sealants North America, Inc. Customer Service department at 1-800-878-7876.

PERFORMANCE TEMPERATURE RANGE:

Application Temperature Range: 45°F (7°C) to 120°F (49°C)
Service Temperature Range: -22°F (-30°C) to 180°F (82.2°C)

STORAGE:

Keep in a cool dry place. SM5195 has an 18 month shelf life from date of manufacturer when stored at or below 80°F (27°C). Store rolls on core end, standing up.

MAINTENANCE:

No maintenance should be required. Clean up trimming and put into suitable container. Dispose of in accordance with Federal, State and Local environmental regulations. Industrial and commercial use only.

SPECIFICATION COMPLIANCE:

AAMA 804-08
AAMA 807-08
Federal Specification TT-C-1796A, Type II, Class B
SM5195 is approved by UL for its use as a butyl rubber based material intended to adhere flexible solar panels to rooftops.

TYPICAL PROPERTIES:

Backbone Composition:	Polyisobutylene and Ethylene Propylene Copolymer Elastomers
Color:	Black
Percent Solids:	100%
Weight per Gallon (Specific Gravity):	11.3 lbs/ gal (1.35)
Consistency: Cone Penetration (ASTM D217)	80 – 100 (0.1mm) (300 Gram load at 77°F)
Tensile Yield: (AAMA 800-08)	>10 psi (68 KPa)
Elongation: (ASTM C908)	> 500%
Vehicle Migration or Bleed out: (AAMA 800-08)	None
Hardness (AAMA 800-08 Shore “00”)	40 – 60
Peel Strength: (ASTM D903)	> 10 PLI (95% Cohesive separation) (Typical Substrates: Concrete: 9/5 PLI, EPDM: 13 PLI, PVC: 10 PLI, TPO: 17 PLI, Alum/ Kynar: 18 PLI, Galv/ Kynar: 19 PLI, Stainless Steel: 19PLI, Urethane: 10 PLI)
Water Resistance: (AAMA 800-08)	No effect
Crazing to Acrylic Plastics: (Mil-S-11030E)	None
Shelf Life:	18 months minimum in unopened container when stored at or below 90°F (32°C)

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Complete technical information is available from
ITW Polymers Sealants North America, Inc.