



TECHNICAL DATA

Tacky Tape[®] SM5160 Ultra High Temperature Range Vacuum Bag Tape Sealant

PRODUCT DESCRIPTION:

SM5160 TACKY-TAPE[®] is an advanced process vacuum bag tape sealant that was developed to fulfill the stringent requirements of very high temperature cure requirements. This dark brown colored tape sealant is formulated with a unique base polymer to function throughout a temperature range of 375°F (191°C) to 750°F (399°C). Extended cure cycles of twelve (12) hours or longer at intermediate temperatures of 400°F (204°C) to 600°F (315°C) are possible.

ADVANTAGES:

- Easy to apply by hand (User friendly)
- Ideal for oven or autoclave cure
- 375°F (191°C) to 750°F (399°C) cure cycles
- Strips clean from tool surfaces
- Tenacious adhesion to polyimide films and tool surfaces
- Non-Hazardous and thermally stable

TYPICAL PROPERTIES:

COLOR:	Dark Brown
PERCENT SOLID:	100%
CONSISTENCY: Cone Penetration	90 - 130 150 GRAM LOAD ASTM D-217
WEIGHT/GALLON:	9.57 LBS/GALLON (1.14 Kg/L)
FREIGHT CLASSIFICATION:	Caulking Compound, NOIBN (NO LABEL REQUIRED)
STORAGE:	Keep in cool dry place. SM5160 Tacky Tape [®] has a 9 month shelf life from date of manufacture when stored at or between 80°F (27°C) and 0°F (-17.8°F). Note: Material must be at room temperature for application. Do not store cartons on end, keep flat.

PERFORMANCE TEMPERATURE RANGE:

Application Temperature Range: 45°F (7°C) to 120°F (49°C)
Service Temperature Range: 350°F (177°C) to 750°F (399°C)

APPLICATION:

Apply by hand to a clean dry tool or platen with release liner on top. When the sealant is in position remove the release liner and lay the film on top. Apply pressure by hand or roller on the sealant to obtain maximum adhesion and to ensure positive vacuum. A hot roller or iron (not to exceed 400°F [204°C]) can be used to apply pressure on the sealant. It is recommended to strip below 150°F (66°C) to minimize or reduce the parts from becoming warped. SM5160 can be stripped without leaving a residue on metal tool surfaces that have been cooled to room temperature.

PACKAGING:

SM5160 Tacky Tape[®] sealant is supplied in roll form with a special release liner. The standard size is 3/4" x 1/8" x 30', other sizes will be considered on request. This product is available through Schnee-Morehead's Customer service department at 1-800-Trust SM (878-7876).

EXCLUSION OF WARRANTIES:

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Complete technical information is available from Schnee-Morehead[®], Inc. For technical assistance, customer service and general information call:

1-800-878-7876

SCHNEE-MOREHEAD[®], INC.

An ITW Company
111 N. Nursery Road
Irving, TX 75060
972-438-9111 Fax: 972-554-3939
www.trustsm.com