



# Tacky Tape<sup>®</sup>

## SM5170

### EASY RELEASE TAPE SEALANT

## TECHNICAL DATA

### PRODUCT DESCRIPTION:

**SM5170 TACKYTAP<sup>®</sup>** is specifically used whenever a positive bag seal is required during fabrication of composite parts. The tape releases easily from composite parts and other difficult tools. It performs in both oven and autoclave applications by tenaciously adhering nylon films to the tool surfaces. This is accomplished over a broad temperature range of room temperature to 450°F (232°C). It strips easily from the tool surfaces warm or cold. SM5170's compatibility, tenacious adhesion, and unique curing characteristics make it the premier choice for use in the Aerospace industry.

### ADVANTAGES:

- Easy to apply by hand (User friendly)
- Ideal for oven or autoclave cure
- Room temperature to 450°F (232°C) cure cycles
- Strips clean from various tools surfaces both warm and cold
- Tenacious adhesion to nylon films and tool surfaces
- Non-Hazardous and thermally stable

### TYPICAL PROPERTIES:

COLOR:	Natural
PERCENT SOLID:	100%
CONSISTENCY: Cone Penetration	95 - 105 300 GRAM LOAD ASTM D-217
WEIGHT/GALLON:	10.0 LBS/GALLON (1.2 Kg/L)
FREIGHT CLASSIFICATION:	Caulking Compound, NOIBN (NO LABEL REQUIRED)
STORAGE:	Keep in cool dry place. SM5170 Tacky Tape <sup>®</sup> has a 12 month shelf life from date of manufacture when stored at or below 80°F (27°C). 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: Room temperature to 450°F (232°C)

### APPLICATION:

Apply by hand to a clean dry tool or platen with release paper on top. When the sealant is in position remove the release paper and lay the film on top. Apply pressure by hand or roller on the sealant to obtain maximum adhesion and to ensure positive vacuum. The bag may be stripped off the tool warm or cold after the cure cycle without leaving a residue. It is recommended to strip below 150°F to minimize or reduce the parts from becoming warped.

**PACKAGING:**

SM5170 Tacky Tape® sealant is supplied in roll form with a special release paper. The material comes standard as ½" x ⅛" x 30' rolls, other sizes will be considered upon request. This product is available through Schnee-Morehead® Customer Service department at 1-800-Trust SM (878-7876).

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**1-800-TRUSTSM  
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