



Tacky Tape® For Wind Energy

SM5142W

Low Temperature Vacuum Bag Sealant Tape

TECHNICAL DATA

PRODUCT DESCRIPTION:

SM5142W Tacky Tape® has been formulated for the wind energy market and aerospace industry as low temperature vacuum bag tape for vacuum bag applications and composite manufacturing that require no to low temperature heating or curing. The tape is formulated to seal most films to tools while positive vacuum is held for room temperature applications. For optimum results, strip tape from composite tools at ambient temperature. The primary characteristics of the tape are high modulus, tensile strength, and adhesion.

ADVANTAGES:

- Easy to apply by hand (User friendly)
- Tenacious adhesion to most films and tool surfaces
- Recommended for room temperature applications.
- It may be used at elevated temperatures if stripped from tool after cooling.
- Strips clean from tool surfaces at room temperature leaving no residue
- Non-hazardous, compatible with most substrates, including composite tools and film materials.
- Use for multiple de-bulking cycles without reapplication

TYPICAL PROPERTIES:

COLOR:	Yellow
PERCENT SOLID:	100%
CONSISTENCY: Cone Penetration	Typical Range 80-100 300 GRAM LOAD ASTM D-217
WEIGHT/GALLON:	12.3 LBS/GAL (1.47Kg/L)
FREIGHT CLASSIFICATION:	Caulking Compound, NOIBN (NO LABEL REQUIRED)
STORAGE:	Keep in a cool dry place. SM5142W Tacky Tape® has a 12 month shelf life from date of manufacturer 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: 45°F (7°C) to 250°F (121°C) bag to tool
45°F (7°C) to 300°F (149°C) bag to bag

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 to ensure positive vacuum. SM5142W can be stripped without leaving residue on metal tool surfaces that have been cooled to room temperature (77°F/25°C).

PACKAGING:

SM5142W Tacky Tape® sealant is supplied in roll form with a special release paper. The tape is available in 1/8" x 1/2" x 50' roll, 22 rolls/carton. This product is available through Schnee-Morehead's Customer Service Department at 1-800-Trust-SM, (1-800-878-7876).

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

1-800-TRUSTSM
1-800-878-7876

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