



TECHNICAL DATA

Tacky Tape®

SM5290

Room Temperature Debulking Tape Sealant

PRODUCT DESCRIPTION:

SM5290 Tacky Tape® has been formulated for the aerospace industry and wind energy market as debulking tape in vacuum bag applications and composites 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
- Room temperature applications
- Strips clean from tool surfaces at room temperature
- Non-hazardous, compatible with most substrates, including composite tools and film materials.
- Use for multiple debulking cycles without reapplication
- Economic low cost vacuum bag sealant tape.

TYPICAL PROPERTIES:

COLOR:	Black
PERCENT SOLID:	100%
CONSISTENCY: Cone Penetration	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. SM5290 Tacky Tape® has a 14 month shelf life from date of manufacturer when stored at or below 80°F (27°C). Do not store cartons on end, keep flat.

PERFORMACE 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 (150°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. SM5290 can be stripped without leaving residue on metal tool surfaces that have been cooled to room temperature (77°F).

PACKAGING:

SM5290 Tacky Tape® sealant is supplied in roll form with a special release paper. The tape is available in a variety of sizes. 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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