



Tacky Tape[®] SM5190 Vacuum Bag Tape Sealant

TECHNICAL DATA

PRODUCT DESCRIPTION:

SM5190 Tacky Tape[®] has been formulated as a sealant tape for the aerospace industry and wind energy market in vacuum bag applications and composite manufacturing that require low temperature heating or curing. The tape is formulated to seal most films to tools while positive vacuum is held for low 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
- Low 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. SM5190 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. SM5190 can be stripped without leaving residue on metal tool surfaces that have been cooled to room temperature (77°F).

PACKAGING:

SM5190 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).

EXCLUSION OF WARRANTIES:

AS TO THE HEREIN DESCRIBED MATERIALS, SCHNEE-MOREHEAD[®], INC. MAKES NO WARRANTIES WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SINCE THE USE OF THE HEREIN DESCRIBED MATERIALS INVOLVES MANY VARIABLES IN METHODS OF APPLICATION, HANDLING AND/OR USE, THE USER IN ACCEPTING AND USING THESE MATERIALS ASSUMES ALL RESPONSIBILITY FOR THE END RESULT. THE PURCHASE OF THIS SCHNEE-MOREHEAD[®], INC. PRODUCT IS SUBJECT TO THE TERMS AND CONDITIONS OF AN "AS IS" SALE, AND IF THE PRODUCT IS PROVED TO BE DEFECTIVE, THE EXCLUSIVE REMEDY, AT SCHNEE-MOREHEAD[®], INC.'S OPTION, SHALL BE TO REPLACE THE DEFECTIVE SCHNEE-MOREHEAD[®], INC. PRODUCT. SCHNEE-MOREHEAD[®], INC. SHALL NOT OTHERWISE BE LIABLE FOR LOSS OF DAMAGES, WHETHER DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL, REGARDLESS OF THE LEGAL THEORY ASSERTED, INCLUDING NEGLIGENCE, WARRANTY OR STRICT LIABILITY.

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

SCHNEE-MOREHEAD[®], INC.

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