

# TECHNICAL DATA SHEET

## DAN850 Cold Weather Aluminium Foil Tape

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<b>PRODUCT:</b>	DAN850 Cold Weather Aluminium Foil Tape
<b>DESCRIPTION:</b>	50µm nominal dead soft pure aluminum foil coated with high-performance cold weather acrylic pressure-sensitive adhesive and protected by white glassine paper.
<b>APPLICATIONS:</b>	<ul style="list-style-type: none"><li>• Suitable for bonding of seams in all aluminum foil composite materials, and sealing and mending of insulation nail puncture and breakage; insulation and vapor tightness of various glass wool/rock wool insulation boards/ pipes and ducts; bonding fixation of metal lines of household appliances such as refrigerators and freezers. Good adhesion to other plastic materials like ABS, PP, PS etc.</li></ul>

### TECHNICAL SPECIFICATIONS:

<b>Release Liner</b>	60gsm Recyclable white glassine paper
<b>Backing Material</b>	50 micron foil
<b>Adhesive Type</b>	Cold weather solvent acrylic adhesive
<b>Total Thickness</b> (without liner) (PSTC-33 / ASTM D3652)	90µm
<b>Peel Adhesion</b> (180°) (PSTC-1 / ASTM D3330)	≥ 20 N/25mm
<b>Tack Rolling Ball</b> (PSTC-6 / ASTM D3121)	≤ 10cm
<b>Tensile Strength</b> (PSTC-31 / ASTM D3759)	≥ 87 N/25mm
<b>Elongation</b> (PSTC-31 / ASTM D3759)	≥ 3.5%
<b>Application Temperature</b>	-5°C to 40°C
<b>Heat Resistance</b>	-40°C to 120°C
<b>Colour Available</b>	Silver
<b>Sizes Available</b>	12mm x 45m = 36 Rolls / Carton    48mm x 45m = 20 Rolls / Carton 25mm x 45m = 36 Rolls / Carton    72mm x 45m = 12 Rolls / Carton 36mm x 45m = 24 Rolls / Carton

**STORAGE:** Rolls and cartons of tape should be stored in a cool area and out of direct sun

### PRODUCT PROPERTIES:

- High tensile strength & anti-warping with excellent adhesion and permanent bonding
- Good high/low temp. Resistance and aging resistance
- Good resistance to water & corrosion.

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*It is the customer's responsibility to ensure that a particular product with the properties described in this product specification is suitable for use in a specific situation. No warranty, representation or guarantee is given by us regarding the suitability of this product for any particular use. The physical and performance characteristics shown are averages obtained from tests as per PSTC, ASTM and our own internal procedures. A particular roll may vary from these averages. It is suggest that the customer determine the suitability for their own purpose by conducting a rigorous trial process.*