DANCO®
SPECIALTY ADHESIVE TAPES

TECHNICAL DATA SHEET

DAN850 Cold Weather Aluminium Foil Tape

PRODUCT: DAN850 Cold Weather Aluminium Foil Tape

DESCRIPTION: 50µm nominal dead soft pure aluminum foil coated with high-performance cold weather acrylic pressure-sensitive adhesive and protected by white glassine paper.

APPLICATIONS:

- 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.

TECHNICAL SPECIFICATIONS:

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

OCTOBER 2026

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.