

**Cold Temperature Aluminum Foil Tape 2" (1001175) and 3" (1001180) Wide**

Job Name:		Location:	
Purchaser:		Engineer:	
Submitted To:		For:	
Unit Designation:		Schedule No.:	
Date:			

1. Product Description

1001175 and 1001180 (T-F4007SP) Cold Weather Aluminum Foil Tape is 40µm nominal soft pure aluminum foil coated with excellent-performance cold weather solvent-based acrylic pressure-sensitive adhesive and protected by single-sided PE coated silicone liner.

2. Features

- Good Low Temp. Resistance
- High Tensile Strength
- Excellent Tack and Adhesion at Low Temperature
- Good Resistance to Water and Corrosion

3. Application

Suitable for bonding of seams in all aluminum foil composite materials and sealing of insulation nail puncture and breakage; insulation and vapor tightness of various glass wool/rock wool insulation boards/ pipes and ducts; bonding fixing metal lines of household appliances such as refrigerators and freezers.

4. Technical Data Sheet

Property	Unit	Value	Test Method
Total Thickness (without liner)	µm	77	PSTC-33 / ASTM D3652
Peel Adhesion (180°)	N/25mm	≥ 15	PSTC-1 / ASTM D3330
Tack Rolling Ball	cm	≤ 2	PSTC-6 / ASTM D3121
Tensile Strength	N/25mm	≥ 52	PSTC-31 / ASTM D3759
Elongation	%	≥ 3.5	PSTC-31 / ASTM D3759
Application Temperature	°C	-20~ 40	-----
Heat Resistance	°C	-40° 120°	-----

5. Remarks:

- The above data are typical results and subject to change without notice.
- Tolerance: Weight and Thickness: $\pm 10\%$; Width: 48 ± 3 mm or 72 ± 3 mm; Length: Cut Roll: 45 ± 0.3 m, Jumbo Roll $\pm 0.5\%$.
- This product should be stored at room temperature and kept away from moisture and heat source.
- Shelf life: One year from shipment date when stored at 21° C (70°F), 50% RH and out of direct sunlight.
- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease and oil.
- The user should perform a trial application on the products above before completing the application to witness and ensure suitability for the user's special purpose.

