

TECHNICAL DATA SHEET

ALUMINUM FOIL TAPE

DESCRIPTION

Manufactured with a 3 mil Aluminum Foil Tape with acrylic adhesive.

APPLICATION

Designed to stick firmly to its own backing, dead-soft aluminum foil has the ability to adhere to a wide variety of surfaces, offering vapor barrier protection, waterproof sealing, heat reflection/dissipation, and reliable properties for masking in paint shipping and electroplating.

PRODUCT BENEFITS

- Can be applied at low temperatures and has good high and low temperature resistance.
- Coated with an aggressive acrylic adhesive system which creates a superior bond to metal.
- The service temperature range is between -30F (-34C) to 325F (163C).
- Due to the nature of dead-soft aluminum foil, it can be used on irregular and curved surfaces.

TECHNICAL DATA

Item	Test Method	Normal	Minimum
Substrate	N/A	Dead-Soft Aluminum	
Adhesive	N/A	Acrylic (clear)	
Foil Thickness (mil/mm)	PSTC-33 ASTM D3652	3.00 / 0.08	
Tape Thickness w/o liner (mil/mm)	PSTC-33 ASTM D3652	5.00 / 0.13	
Adhesion to Steel (oz./in) (N/25mm)	ASTM D 1000	55 / 60	
Tensile Strength (lb/in) (N/25mm)	PSTC-31 ASTM D3759	28 / 49	
Elongation (%)	PSTC-31 ASTM D3759	5.5	
Government Specification	L-T-80B, MIL-T-23397B, Amendment 2 Type II		

Tape should be stored in a dry area at temperatures of 60F (16C) to 80F (26C).

The above values are typical values and should be used only as a guide. Due to the nature of process variables, Echo makes no warranty or guarantee on the use of this product in a specific process and user should always test material in their own process before running production.