



Technical Data Sheet

S3705

3 mil Aluminum Foil Tape

Description

S3705 is a self-wound aluminum foil tape used in waterproofing, vapor barrier, and air leakage applications. Meets MIL-T-23397B

Features

An aggressive acrylic offers superior adhesion to a variety of surfaces. Aluminum backing provides temperature resistance by deflecting heat. The backing also provides light reflection and electrical insulation shielding while conforming to irregular and curved surfaces. This tape is liner-less.

Physical Characteristics	Standard Values
Carrier	3 mil Aluminum Foil
Adhesive Type	Acrylic
Adhesive Thickness	2 mil – 0.051 mm
180° Peel Adhesion to Stainless Steel	55 oz/in – 15 N/25mm
Tape Color	Silver
Liner	NA
Total Tape Thickness	5.0 mil – 0.127 mm
Service Temperature Range	-20°F to 250°F – -28.9°C to 121.1°C
Available Lengths	60 yds

Tape Application

To achieve ultimate adhesion, the bonding surfaces should be dry, clean and free of dirt and oils. The strength of the adhesion bond is dependent on the amount of surface area directly contacting the adhesive. Firm pressure is recommended to obtain good adhesive to surface contact.

*Note: Values should be used for specification purposes and are averages taken from PSTC and ASTM test methods. The company does not warranty performance in specific applications. Since product performance may vary, each user should conduct their own test to determine the products fit for use in specific applications. The purchaser shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (20°C) with 50% relative humidity. Champion Tape serves you better. Contact our team for qualified application support.

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