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3M™ EMI Shielding Aluminum Foil Tape 1170, 1 in x 18 yd

3M ID 80011170026 UPC# 00054007274643 Part Number 1170 1X18

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3M™ Tape 1170 is a 3.2-mil thick, acrylic adhesive, EMI shielding, foil tape. This flame-retardant tape is designed for applications that require reliable, point-to-point electrical contact. It comes on a removable liner for easy die-cutting and handling. It withstands a wide temperature range of -40 to 266 degrees F (-40 to 130 degrees C). The tape is rated for 600V dry applications.

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- Aluminum foil backing offers a superior level of shielding effectiveness
- Unique adhesive creates secure contact with the application surface
- Suitable for EMI shielding, grounding and static charge draining
- Tape measures 1 in x 18 yds x 3.2 mil
- Flame-retardant
- Comes in silver color
- Rated for 600V applications
- Withstands a wide temperature range of -40 to 266 degrees F (-40 to 130 degrees C)
- UL Listed and RoHS 2011/65/EU Compliant
- 9 rolls/case

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Overview Documents

3M™ Tape 1170 Shielding Tape has aluminum foil backing with a pressure-sensitive, electrically conductive, acrylic adhesive that ensures firm adherence. The conductive particles in the adhesive offer low resistance between the substrate and the backing. This tape is designed for applications such as static charge draining, seaming shielded rooms, cable wrapping and providing surface contact to non-solderable materials. Perfect for EMI shielding, grounding and static charge draining. UL Listed and RoHS 2011/65/EU Compliant.

Specifications

Adhesive Type	Conductive (1 sided)
Backing Material	Foil, Aluminum, Flat
Color	Silver
Connection Resistance	Fair (0.005-0.020 ohm)
Length	18 Linear Yard
Length (Metric)	16.5 m
Material	Aluminum Foil
Price per Area	\$\$
Product Type	Aluminum Foil Tape
RoHS 2011/65/EU Compliant	Yes
RoHS EU Comments	RoHS 2011/65/EU compliant without exemption *Important RoHS information
Rolls per Case	9
Shielding Effectiveness	Good (70-85dB)
Size	1 in. x 18 yd.
Tape Type	EMI Shielding

Thickness 3.2 mil

Thickness (Metric) 0.08 mm

Width 1 Inch

Width (Metric) 25.4 mm

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