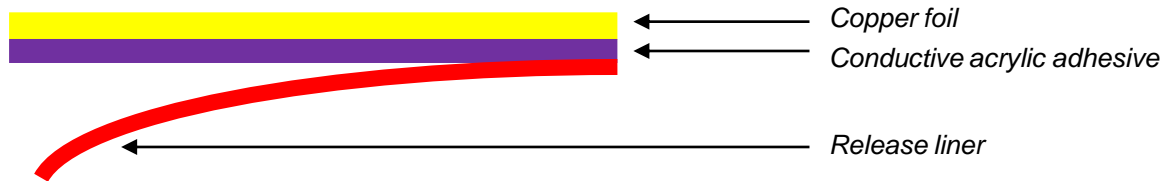


1697

CONDUCTIVE COPPER FOIL TAPE

VentureTape® 1697 is a 1.4 mil (36 micron) special electrolytic grade, zero temper, high tensile copper foil with an aggressive conductive acrylic adhesive system. This copper foil readily accepts solder and is extremely malleable. VentureTape 1697 is used in diverse industrial and electrical applications such as printed circuit manufacture and repair, flexible flat conductor, electrostatic and EMI/RFI shielding.

Product Construction



Features & Benefits

- UL 510 Listed
UL file # E137857
- Malleable copper foil conforms well to irregular contours
- Superb “wetting out” capabilities to all surfaces
- Permanently bonds to low surface energy materials and difficult textured surfaces
- In stock product available for immediate delivery

Test	Typical Value	Typical Value (Metric)	Test Method
Product Thickness ^Ω	3.0 mils	0.08 mm	PSTC-133
Peel Adhesion ^Δ	32 oz/in	8.9 N/25 mm	PSTC-101
Shear Adhesion	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa	PSTC-107
Tensile Strength	36 lb/in	162.7 N/25 mm	PSTC-131
Elongation	6 %	6 %	PSTC-131
Service Temperature	-40 to 250 °F	-40 to 121 °C	

^Ω - excluding liner

^Δ - 20 minute dwell

Typical values are not intended to be used for specification development. Technical data is believed to be true and accurate; Venture Tape recommends that the purchaser test for fitness of use in all applications.

Product Configurations

- Standard roll sizes and custom rolls available on request

Contact Venture Tape today for a complete list of products or a free sample

Toll Free North America 800-343-1076

From United Kingdom 0-800-962-957

From Australia 1-800-122-797

www.venturetape.com

The logo for VentureTape features the brand name in a bold, purple, sans-serif font. Above the text are three horizontal red lines of varying lengths, creating a stylized graphic element.

USA

Venture Tape Corp.
30 Commerce Road
Rockland, MA 02370
781-331-5900
FAX 781-871-0065

Europe – Venture Tape

Venture Tape Europe Corp.
1 Sopwith Way
Drayton Fields Industrial Estate
Daventry, Northampton NN11 8PB
(0) 1327 876555
FAX (0) 1327 876444

Australasia

Venture Tape Australasia, Pty., Ltd.
11B Production Drive
Campbellfield 3061 Victoria
Australia
(03) 9357 6025
FAX (03) 9357 6045

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CONDUCTIVE COPPER FOIL TAPE

Resistance:

MIL-STD-202C Method 307: 0.002 ohms/in²

Shielding Effectiveness: Frequency Attenuation

MIL-STD-285M:

100 Khz	141 db
1 Mhz	137 db
10 Mhz	114.5 db
50 Mhz	96 db
100 Mhz	101.5 db
200 Mhz	111 db
400 Mhz	102 db
800 Mhz	>128 db
900 Mhz	>127 db
1 Ghz	>116 db
5 Ghz	92 db
10 Ghz	80 db
17 Ghz	87 db

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