



Blast-Off Tape

1367

Technical Data

July, 1995

Product Description A static dissipating, lined glass cloth/neoprene rubber backed tape for wrapping cables, wires and conduits for abrasion and thermal protection under extreme conditions such as found in gantry areas during rocket launches.

Construction	Backing	Adhesive	Color	Liner	Standard Roll Length
	Glass Cloth/Neoprene Rubber	Rubber	Black	Easy release film liner	36 yds. (33 m)

Typical Physical Properties and Performance Characteristics **Note:** The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

		ASTM Test Method
Adhesion to Steel:	30 oz. In. width (33N/100 mm)	D-3330
Total Thickness:	12.5 mils (.32 mm)	D-3652
Tensile Strength:	215 lbs./in. width (3765 N/100 mm)	D-3759
Liner Release:	15 gm./in. width	PSTC 4
Backing Thickness:	4 mils (.0 mm)	D-3652
Temperature Range:	-20 to 2000°F (-29 to 1093 °C) radiant heat	D-3652
Static Decay:	2.5 seconds, time required for applied static to decay from 5 KV to 500 volts. 10 seconds, time required for applied static from 5 KV to 50 volts,	

- General Information**
- 1367 Tape employs a proprietary 3M technology that allow the tape to dissipate static voltages.
 - Rubber adhesive has excellent bond to most neoprene surfaces.
 - Store in a clean dry place at 60-80°F(15-27 °C) and 40-50% relative humidity no longer than 18 months from date of manufacture.
 - To maximize tape performance effectiveness for rocket launch environments, it is recommended that 3M™ 363 Aluminum Glass Cloth Tape be wrapped on top of 1367 Tape.

- Application Ideas**
- Protecting cables during rocket blast-off.
 - Masking parts during low intensity grit blast and thermal spray metallizing applications.

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Features	Advantages	Benefits
<ul style="list-style-type: none">• Glass Cloth/Neoprene rubber backing	<ul style="list-style-type: none">• Abrasion resistant• Heat insulation	<ul style="list-style-type: none">• Helps protect parts from damage• Helps protect parts from damage
<ul style="list-style-type: none">• High temperature rubber adhesive	<ul style="list-style-type: none">• Excellent adhesion to its own backing• Good immediate adhesion to a variety of substrates	<ul style="list-style-type: none">• Helps speed spiral wrapping application time• Helps reduce application time
<ul style="list-style-type: none">• Static dissipating	<ul style="list-style-type: none">• Helps reduce electrostatic discharge induced combustion• Helps reduce damage to electronic components due to electrostatic discharge	<ul style="list-style-type: none">• Helps reduce potential for fire• Helps improve component reliability

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550. Address correspondence to : 3M Industrial Tape and Specialties Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 612-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-2180.

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ISO 9002

This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

3M

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