



Blue Polyester / Silicone Tape

8952 • 8952L (Linered)

FOD# 1902
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Technical Data March 1, 2000

Product Description A 50 micron polyester tape with a silicone adhesive designed for high temperature applications. Specifically used as a flashbreaker tape in composite bonding in addition to splicing silicone and non-silicone coated papers and films. The 8952L version is lined with a transparent 50 micron polyester film.

Construction	Backing	Adhesive	Color	Liner	Standard Roll Sizes
	Polyester	Silicone	blue	Transparent Polyester Film (8952L only)	65 m unlined 198 m lined

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:	44 N/100mm		ASTM D-3330
Tensile Strength:	963 N/100mm		ASTM D-3759
Elongation:	110 %		ASTM D-3759
Backing Thickness:	0.05 mm		
Total Tape Thickness: (excluding Liner)	0.09 mm		ASTM D-3652
Liner Thickness: (8952L only)	0.05 mm		
Liner Release: (8952L only)	11 cN/25mm		3M TM 1717 ¹
Temperature Use Range:	up to 218°C		
¹ Note: 180° at 2286 mm/min			

- General Information**
- This tape is designed to provide clean removal during masking operations involving high temperatures and pressure.
 - This tape’s blue color makes it easy to see for removal.

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Shelf Life

- The recommended storage conditions are 15 – 27 °C at a relative humidity of 40 – 50 %. Use within 18 months from the date of manufacture.

Application Ideas

- Masking edges of overlap seams in metal bonding process where excess epoxy (“flash”) flows onto the tape. Clean-up is complete upon tape removal.
- Composite and Metal Bonding - This tape removes cleanly from stainless steel, anodized aluminum and glass after a 4 hour bake cycle at 177°C.
- Holding parts or vacuum bags during bonding process.
- Splicing silicone treated materials, including paper, liners and films.
- 1 hour photo lab splicing tape
- Electrical insulation tape.
- Circuit board masking.
- Masking parts in an anodizing process.

<u>Features</u>	<u>Advantages</u>	<u>Benefits</u>
Blue Polyester Film	Retains flexibility and thermal resistance	Helps reduce failures due to cracking
	Abrasion, chemical and thermal resistance	Helps reduce failures due to backing deterioration
Silicone adhesive	Higher heat resistance than many other adhesives	Helps reduce failure due to softening, oozing, adhesive transfer

IMPORTANT NOTICE TO CUSTOMER:

All statements, technical information and recommendations herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of liability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.



European Business Center

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