

DATA SHEET

FLASHBREAKER® 1, 2 and 5

All Purpose Pressure Sensitive Tape

Description

Flashbreaker® Tapes are high temperature / high tensile strength polyester films coated with a pressure sensitive silicone adhesive.

Application

Flashbreaker® pressure sensitive tapes are used for multi-purpose functions in metal bond and composites, such as holding down vacuum bagging materials, TC wires, masking-off, chem.-milling protection or in riveting shops (**Flashbreaker® 1**). The thicker versions (**Flashbreaker® 2 and 5**) are used for adhesive flash clean-up over or next to bondlines or anywhere extra strength is needed. They offer further protection in chem-milling or acid bath etching. **Flashbreaker®** tapes remove easily after the cure. They can also be used to aid in potting inserts, drilling through the **Flashbreaker® 5**.

Material Characteristics:	Flashbreaker® 1	Flashbreaker® 2	Flashbreaker® 5
Carrier Type:	Polyester	Polyester	Polyester
Adhesive Type:	Silicone	Silicone	Silicone
Total Thickness, in (µ):	.0025 (64)	.0033 (84)	.0065 (165)
Film Thickness, in (µ):	.001 (25)	.002 (50)	.005 (125)
Adhesive Thickness, in (µ):	.0015 (38)	.0013 (33)	.0015 (38)
Adhesion oz/in-width (N/cm-width):	30 (3.3)	35 (3.8)	35 (3.8)
Elongation, %:	100	100	120
Maximum Recommended Use Temperature, °F (°C):	400 (204)	400 (204)	400 (204)
Color:	Blue	Blue	Blue
Standard Sizes ⁽¹⁾ :	1" (2.54cm) x 72 yards (66m)	1" (2.54cm) x 72 yards (66m)	1" (2.54cm) x 36 yards (33m)
	2" (5.08cm) x 72 yards (66m)	2" (5.08cm) x 72 yards (66m)	2" (5.08cm) x 36 yards (33m)
Shelf Life:	1 year when stored at 72°F (22°C)		

- 1) Other widths available as a Special Order.

CATALOG POSITION: **PRESSURE SENSITIVE TAPES**

As the conditions or methods of use are beyond our control, Airtech International, Inc. does not assume any responsibility for the performance of this material for any particular use. The material is sold "as is". Airtech International, Inc. disclaims, and buyer waives, any and all implied warranties, including without limitation the implied warranties of merchantability and of fitness for particular use. The information contained herein represents typical properties and should not be used for specification purposes.

MORE THAN A MANUFACTURER...A TECHNICAL PARTNER!

