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Data Sheet

FLASHBREAKER® 1

All purpose pressure sensitive tape

DESCRIPTION

Flashbreaker[®] tapes are high temperature/ high tensile strength polyester films coated with a pressure sensitive silicone adhesive for oven or autoclave cures up to 400°F (204°C). The orange Flashbreaker[®] tapes have high visibility when placed on parts and molds. Flashbreaker[®] pressure sensitive tapes are used for multi-purpose functions in metal bond and composites, such as holding down vacuum bagging materials, thermocouple wires, masking-off, chem-milling protection or in riveting shops. Flashbreaker[®] tapes remove easily after cure.

BENEFITS

- Flashbreaker tapes can control bond lines and make removal of resin flash easier, reducing clean up effort.
- Fix position of consumable materials to avoid process errors and improve part quality.
- High visibility orange color makes removal easier to inspect and reduces risk of leaving tape in place.

TECHNICAL DATA

Maximum use temperature Carrier type Adhesive type Color Total thickness Film thickness Adhesive thickness Elongation at break

Shelf life

400°F (204°C) Polyester Silicone Blue / Orange 0.0022 inch (55 μm) 0.001 inch (25 μm) 0.0012 inch (30 μm) 100 % 18 months from date of shipment when stored in original packaging at 72°F (22°C)

COMMONLY USED SIZES

Width	Length	Packaging
1 inch (2.54 cm)	72 yards (66 m)	60 rolls per case
2 inches (5.08 cm)	72 yards (66 m)	30 rolls per case
up to 20 inches (50.8 cm)	72 yards (66 m)	-

• Broken cases and other widths available on special order.



NOTES

- Available in 1 in x 2 in (2.54 cm x 5.08 cm) "cut strips" on a liner.
- Product comes on plastic core, helping to reduce FOD in a clean room environment.
- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.

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Catalog position : Pressure sensitive tapes

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