

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	400°F (204°C)
Carrier type	Polyester
Adhesive type	Silicone
Color	Blue / Orange
Total thickness	0.0022 inch (55 µm)
Film thickness	0.001 inch (25 µm)
Adhesive thickness	0.0012 inch (30 µm)
Elongation at break	100 %
Shelf life	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](#)