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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 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 colour makes removal easier to inspect and reduces risk of leaving tape in place.

TECHNICAL DATA

Maximum use temperature	204°C
Carrier type	Polyester
Adhesive type	Silicone
Colour	Blue / Orange
Total thickness	63 µm (0,0025 inch)
Film thickness	25 µm (0,001 inch)
Adhesive thickness	38 µm (0,0015 inch)
Elongation at break	100 %
Shelf life	18 months from date of shipment when stored in original packaging at 22°C

COMMONLY USED SIZES

Width	Length	Packaging
2,54 cm (1 inch)	66 m (72 yards)	60 rolls per case
5,08 cm (2 inches)	66 m (72 yards)	30 rolls per case
up to 50,8 cm (20 inches)	66 m (72 yards)	

- Broken cases and other widths available on special order.



NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.

Last updated : 2015-08-03

Catalogue position : Pressure sensitive tapes

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