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.
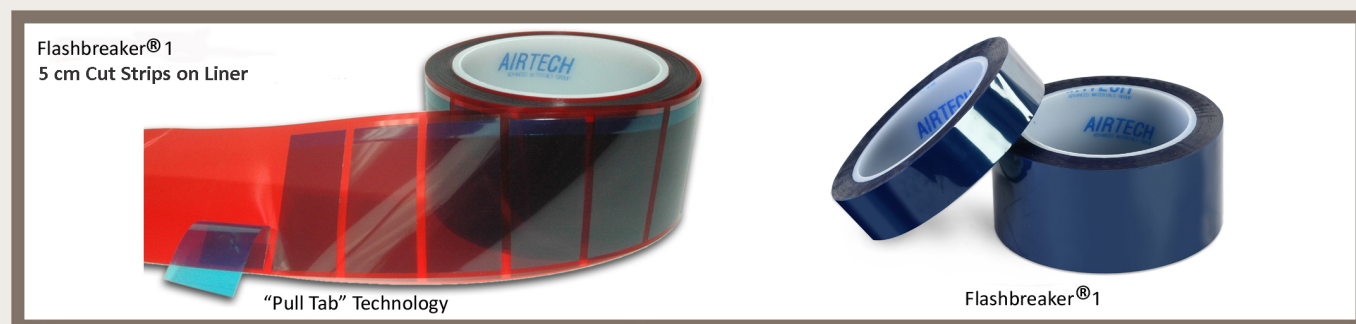
■ TECHNICAL DATA

Maximum use temperature	204°C
Carrier type	Polyester
Adhesive type	Silicone
Colour	Blue / Orange
Total thickness	55 µm (0,0022 inch)
Film thickness	25 µm (0,001 inch)
Adhesive thickness	30 µm (0,0012 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.

Flashbreaker® 1
5 cm Cut Strips on Liner

"Pull Tab" Technology

Flashbreaker® 1

■ NOTES

• Available in 5 cm (2 inch) cut strips using 'Pull Tab' technology.
• 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.

Last updated : 2019-10-25

Catalogue position : Pressure sensitive tapes