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Fiche Technique

FLASHBREAKER® 1, 2 & 5

All-purpose high temperature 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 (400°F). 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

	Flashbreaker® 1	Flashbreaker® 2	Flashbreaker® 5
Maximum use temperature	204°C (400°F)	204°C (400°F)	204°C (400°F)
Carrier type	Polyester	Polyester	Polyester
Adhesive type	Silicone	Silicone	Silicone
Elongation at break	100%	100%	120%
Colour	Blue / Orange	Blue / Orange	Blue / Orange
Total thickness	55 µm (0.0022 inch)	83 µm (0.0033 inch)	175 µm (0.007 inch)
Film thickness	25 µm (0.001 inch)	50 µm (0.002 inch)	125 µm (0.005 inch)
Adhesive thickness	30 µm (0.0012 inch)	33 µm (0.0013 inch)	50 µm (0.002 inch)
Shelf life	18 months from date of shipment when stored in original packaging at 22°C (72°F)		

SIZES

Flashbreaker® 1	Flashbreaker® 2	Flashbreaker® 5
2.54cm-66m (1”-72 yards) 60 rolls/case	2.54cm-66m (1”-72 yards) 48 rolls/case	2.54cm-33m (1”-36 yards) 48 rolls/case
5.08cm-66m (2”-72 yards) 30 rolls/case	5.08cm-66m (2”-72 yards) 24 rolls/case	5.08cm-33m (2”-36 yards) 24 rolls/case
Up to 50.8cm-66mm (20"-72 yards)	Up to 50.8cm-66m (20"-72 yards)	Up to 50.8cm (20"-36 yards)

- Also available in Cut Strip form on special order
- Custom shapes and sizes are available, please contact Airtech for more information.
- Flashbreaker Tapes are available with a liner with special order, lead time and minimums will apply.

SUSTAINABILITY

Recyclable packaging

NOTES

- 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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