

Data Sheet

FLASHBREAKER® PS1

Pressure sensitive tape with excellent tack

DESCRIPTION

Flashbreaker® PS1 is a high temperature/ high tensile strength polyester film coated with a high tack pressure sensitive silicone adhesive for oven or autoclave cures up to 204°C. The red colour provides high visibility when placed on parts and moulds.

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 the cure.

BENEFITS

- Higher tack adhesive holds difficult materials in place more securely, easier, and quicker.
- Flashbreaker® PS1 tapes make removal of resin flash easier, reducing cleaning time.
- Fix position of consumable materials to avoid process errors and improve part quality.

TECHNICAL DATA

Maximum use temperature	204°C
Carrier type	Polyester
Adhesive type	Silicone
Colour	Red
Total thickness	120 µm (0,0047 inch)
Film thickness	25 µm (0,00098 inch)
Adhesive thickness	95 µm (0,0037 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)	48 rolls per case
5,08 cm (2 inches)	66 m (72 yards)	24 rolls per case

- 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 : 2019-05-15

Catalogue position : [Pressure sensitive tapes](#)