

## Data Sheet

## FLASHBREAKER® 1R

All purpose pressure sensitive tape with a non-silicone adhesive

### DESCRIPTION

Flashbreaker® 1R is our rubber adhesive based polyester pressure sensitive tape. This tape holds down vacuum bagging materials and thermocouple wires on metal or composites parts and tooling. This tape is designed for use in sensitive areas where silicone adhesives are not permitted.

Flashbreaker® R tapes are high temperature / high tensile strength polyester film coated with a pressure sensitive rubber based adhesive for oven or autoclave cures to 204°C.

### BENEFITS

- Rubber adhesive tape can be used where silicone adhesives are prohibited to reduce contamination risk.
- Flashbreaker® 1R tapes make removal of resin flash easier, reducing clean-up 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           | Rubber                                                                    |
| Colour                  | Green                                                                     |
| Total thickness         | 75 µm (0,003 inch)                                                        |
| Film thickness          | 25 µm (0,001 inch)                                                        |
| Adhesive thickness      | 50 µm (0,002 inch)                                                        |
| Elongation at break     | 90 %                                                                      |
| 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) | 36 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

- Available in 2,54 cm x 5,08 cm (1 in x 2 in) "Cut Strips" on a paper liner. 2500 cut strips per roll.
- 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](#)