

## Data Sheet

## STRETCHLON® 200

### Bagging film with high elongation

#### DESCRIPTION

Stretchlon® 200 vacuum bag film is a high elongation elastomeric film which can be used for cures up to 121°C and debulking operations. When parts with multiple contours are vacuum bagged, Stretchlon® 200 is an excellent choice as the high elongation will stretch into complex features. This film is not affected by low humidity environment. It is recommended for cures with epoxy and phenolic resins.

#### BENEFITS

- Save time bagging with less pleating, as film stretches over complex shapes.
- High elongation reduces bridging in corners and rework due to low pressure.
- Unaffected by low humidity, film is always in good condition.

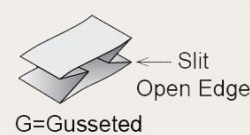
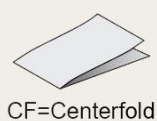
#### TECHNICAL DATA

|                         |                                                     | Test method |
|-------------------------|-----------------------------------------------------|-------------|
| Material type           | Thermoplastic elastomer                             |             |
| Elongation at break     | 500 %                                               | ASTM D 882  |
| Tensile strength        | 55 MPa                                              | ASTM D 882  |
| Maximum use temperature | 121°C                                               |             |
| Materials to avoid      | Bismaleimide (BMI)/ Polyester and vinyl ester       |             |
| Colour                  | Green                                               |             |
| Shelf life              | Unlimited when stored in original packaging at 22°C |             |

#### SIZES

| Thickness | Width  | Length | Weight / Roll | Forms Available * |
|-----------|--------|--------|---------------|-------------------|
| 38 µm     | 1.52 m | 610 m  | 39 kg         | SHT               |
| 38 µm     | 3.05 m | 305 m  | 39 kg         | CF to 1.52 m      |

- Custom shapes and sizes are available, please contact Airtech for more information.



#### NOTES

- Sale and use of the product covered by US Patent No. 5123985.
- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.
- Watch a demo video of Stretchlon® 200 in the "Media Centre" on our website.