

## Data Sheet

## WRIGHTLON® 3900

### Inexpensive polyolefin release film

#### ■ DESCRIPTION

Wrightlon® 3900 release film is a high elongation film which will exhibit excellent release properties from polyester, vinylester and epoxy resin systems. It will take temperature up to 157°C. It is also suitable for compaction and debulking operations. All standard perforations are available. Please see our perforation table in this section.

#### ■ BENEFITS

- Good elongation reduces bridging in corners, so less rework on resin rich corners.
- Highly visible color reduces risk of leaving film on cured parts.
- Inexpensive film reduces the cost of medium temperature vacuum bagging processes.

#### ■ TECHNICAL DATA

|                         |                                                     | Test method |
|-------------------------|-----------------------------------------------------|-------------|
| Material type           | Polyolefin                                          |             |
| Elongation at break     | 500 %                                               | ASTM D 882  |
| Tensile strength        | 41 MPa                                              | ASTM D 882  |
| Maximum use temperature | 157°C                                               |             |
| Materials to avoid      | Compatible with most resin systems                  |             |
| Colour                  | Red/Blue                                            |             |
| Shelf life              | Unlimited when stored in original packaging at 22°C |             |

#### ■ SIZES

| Thickness           | Width                    | Forms Available* |
|---------------------|--------------------------|------------------|
| 25 µm (0,001 inch)  | up to 2,0 m (80 inches)  | SHT              |
| 30 µm (0,0012 inch) | up to 2,0 m (80 inches)  | SHT              |
| 50 µm (0,002 inch)  | up to 6,1 m (240 inches) | SHT              |
| 75 µm (0,003 inch)  | up to 6,1 m (240 inches) | SHT              |

- For more sizes, see the *Commonly Used Sizes* chart in this section.
- Custom shapes and sizes are available, please contact Airtech for more information.

\* SHT = sheeting

#### ■ NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.