

## Data Sheet

## WRIGHTLON® 600V

### Low cost nylon vacuum bagging film

#### DESCRIPTION

Wrightlon® 600V vacuum bagging film is designed for low cost, commercial applications yet still performs with high pressure autoclave cure cycles. It has good elongation and stays soft in low humidity conditions.

#### BENEFITS

- Inexpensive film with good performance reduces the cost of commercial autoclave molding process.
- Good elongation and softness of film makes bagging easier and reduces cycle times.
- Combination of strength and elasticity improves part quality, reduces rework, and scrap.

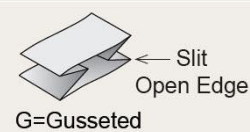
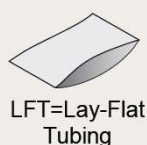
#### TECHNICAL DATA

|                                   |                                                     | Test method |
|-----------------------------------|-----------------------------------------------------|-------------|
| Material type                     | Nylon                                               |             |
| Elongation at break               | 400 %                                               | ASTM D 882  |
| Tensile strength                  | 65 MPa                                              | ASTM D 882  |
| Maximum use temperature           | 204°C                                               |             |
| Flammability (self extinguishing) | Yes                                                 | ATP-5034    |
| Materials to avoid                | Phenolic resins/Strong oxidizers                    |             |
| Colour                            | Violet                                              |             |
| Shelf life                        | Unlimited when stored in original packaging at 22°C |             |

#### SIZES

| Thickness          | Width                     | Forms Available* |
|--------------------|---------------------------|------------------|
| 50 µm (0,002 inch) | up to 7,11 m (280 inches) | SHT, CF, LFT     |
| 75 µm (0,003 inch) | up to 6,60 m (260 inches) | SHT, CF, LFT     |

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



#### NOTES

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