

DATA SHEET

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WRIGHTLON[®] NYLON BAGGING FILMS

The Highest Elongation Of Any Standard Nylon Vacuum Film

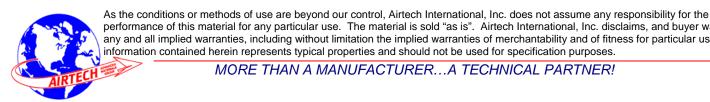
| MECHANICAL | Unit | Test Method | Econolon | 5400 | 6400 | 7400 | 8400 |
|-----------------------|-------------------------------------------------|----------------|-------------|--------|--------|--------------|-------|
| Elongation at break | >% | ASTM D 882 | 375 | 375 | 375 | 400 | 350 |
| | | | | | | | |
| Tensile strength | >psi | ASTM D 882 | 7000 | 7000 | 8000 | 8000 | 9000 |
| | >N/mm ² | | 48 | 48 | 55 | 55 | 62 |
| | | | | | | | |
| THERMAL | | | | | | | |
| Maximum recommended | | | 300 | 350 | 400 | 400 | 450 |
| use temperature (1) | °C | | 149 | 177 | 204 | 204 | 232 |
| | ~ E | | | 40.0 | 100 | 100 | |
| Melt point (minimum), | °F | ASTM D 789-94 | 380 | 400 | 420 | 420 | 500 |
| Crystalline | °C | | 193 | 204 | 215 | 215 | 260 |
| Flammability | | | | | | | |
| (Self Extinguishing) | | ATP-5034 | Yes | Yes | Yes | Yes | Yes |
| | | ATF-3034 | 163 | 163 | 163 | 163 | 165 |
| CHEMICAL | | | | | | | |
| Materials to avoid: | | | Yes | Yes | Yes | Yes | Yes |
| | ŭ | ompounds | Yes | Yes | Yes | Yes | Yes |
| | | | | | | | |
| PHYSICAL (2) | | | | | | | |
| Density | g/cm ³ | ASTM D 792 | 1.13 | 1.13 | 1.14 | 1.13 | 1.14 |
| | | | | | | | |
| Yield in²/#/mil | | | 24500 | 24500 | 24300 | 24500 | 24500 |
| | m²/kg/25µ | um | 34.8 | 34.8 | 34.5 | 34.8 | 34.8 |
| <u> </u> | | | | 0 | N/ 11 | D 1/0 | 51 |
| Color | | | Clear | Clear | Yellow | Bl/Gr | Blue |
| Shelf Life | | | Indefinite | "" | "" | " " | "" |
| | | | | | | | |
| Gauges Available (3) | Inches | | .002 & .003 | & .005 | | | |
| | μm | m 50, 75 & 125 | | | | | |
| Forms Available (1) | Sheeting Lav Flat Tubing Center (V) Fold & Bags | | | | | | |

Forms Available (4) Sheeting, Lay Flat Tubing, Center (V) Fold & Bags

(1) Maximum recommended use temperature is dependant upon the duration at maximum temperature and is NOTES: process specific. Airtech recommends testing prior to use.

- (2) Econolon has the same properties as Wrightlon® 5400 in .0015" (33µm) thickness.
- (3) Gauges listed available in all Wrightlon® materials. Other gauges available per special order.
- (4) Consult the dimension chart in this section for dimensional information. Custom designed shapes are available to fit your individual requirements. Please consult Airtech for further information.

CATALOG POSITION: BAGGING FILMS



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