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Datenblatt

WRIGHTLON® 5400, 7400 & 600V

Vacuum bagging films

DESCRIPTION

Wrightlon® 5400 is a nylon bagging film with good elongation for cure temperatures up to 180°C (356°F) and is an inexpensive film with good heat resistance reducing the cost of curing. Wrightlon® 7400 is a high temperature nylon film with high elongation which is suitable for cure temperatures up to 204°C (400°F). 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

- Proven performance with approvals on specifications worldwide for a range of applications.
- Good strength and elongation provides good pressure applications for better quality parts.
- Large range of available sizes and formats reduces waste materials and trimming time costs.

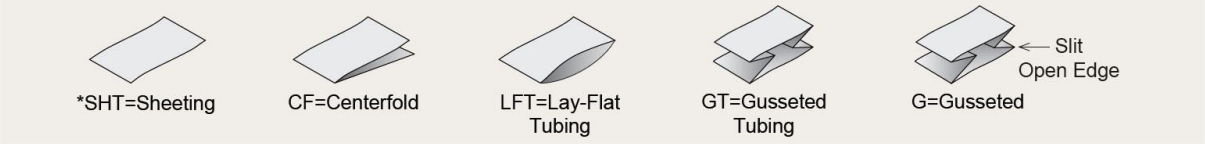
TECHNICAL DATA

	Wrightlon® 5400	**Wrightlon® 7400**	**Wrightlon® 600V**	Test method
Material type	Nylon	Nylon	Nylon	
Elongation at break	375 %	400 %	400 %	ASTM D 882
Tensile strength	48 MPa (7000 psi)	55 MPa (8000 psi)	65 MPa (9427 psi)	ASTM D 882
Maximum use temperature	180°C (356°F)	204°C (400°F)	204°C (400°F)	
Flammability (self extinguishing)	Yes	Yes	Yes	ATP-5034
Materials to avoid	Phenolic resins / Strong oxidizers	Phenolic resins / Strong oxidizers	Phenolic resins / Strong oxidizers	
Colour	Clear	Green	Violet	
Storage	Recommended Storage temperature is 5°C to 40°C (41°F to 104°F)at no less than 25% relative humidity. Store indoors in original packaging, do not stack rolls on end.			
Usage	Optimal usage conditions are in a Relative Humidity range from 50% to 60%rh. Nylon based vacuum bag films are sensitive to humidity, remaining soft at higher %rh and at risk of become stiffer in low %rh, see "Hydrate bagging films" TDS.			

SIZES

	Thickness	Widths	Forms Available*
Wrightlon® 5400	50 µm (0.002 inch)	up to 7.11 m (280 inches)	SHT, CF, LFT
	75 µm (0.003 inch)	up to 7.11 m (280 inches)	SHT, CF, LFT
Wrightlon® 7400	50 µm (0.002 inch)	up to 9.00 m (354 inches)	SHT, CF, LFT
	75 µm (0.003 inch)	up to 9.00 m (354 inches)	SHT, CF, LFT
Wrightlon® 600V	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 *Sizes* chart in this section.
- Custom shapes and sizes are available, please contact Airtech for more information.



Letztes Update : 2025-02-05
Kapitel : Vakuumfolien

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SUSTAINABILITY







NOTES

- Wrightlon® 7400 is also offered with our embossed, cracked ice pattern making it a breather, release film and vacuum bag all-in-one.
- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.

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