

Data Sheet

IPPLON® WN1500

High temperature nylon bagging film with a good elongation

DESCRIPTION

Ipplon® WN1500 is a heat-stabilized nylon film for cure temperatures up to 475°F (246°C). It can be used when high temperature and high pressure are required. Ipplon® WN1500 is the recommended material for cures with phenolic resins.

BENEFITS

- Heat resistance provides vacuum security during high temperature cures.
- Good elongation helps avoid bridging in corners that can result in blown bags or resin richness.
- High strength and chemical resistance reduces bag failures with aggressive phenolic resins.

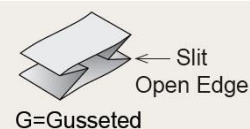
TECHNICAL DATA

		Test method
Material type	Nylon	
Elongation at break	375 %	ASTM D 882
Tensile strength	9000 psi (62 MPa)	ASTM D 882
Maximum use temperature	475°F (246°C)	
Flammability (self extinguishing)	Yes	ATP-5034
Materials to avoid	Strong oxidizers	
Color	Blue	
Shelf life	Unlimited when stored in original packaging at 72°F (22°C)	

SIZES

Thickness	Width	Forms Available*
0.002 inch (50 µm)	up to 180 inches (4.57 m)	SHT, CF, LFT
0.003 inch (75 µm)	up to 180 inches (4.57 m)	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.