AIRTECH EUROPE Sarl
ZI Haneboesch
L-4562 Differdange
LUXEMBOURG
Phone : +352 58 22 82 1
Fax : +352 58 49 35
E-mail : sales@airtech.lu
Website : www.airtech.lu

Data Sheet

IPPLON® KM1300

Soft nylon film with a high elongation

DESCRIPTION

Ipplon® KM1300 is a vacuum bagging film with a good elongation and is suitable for cure temperatures up to 212°C. It is recommended for bagging applications where a higher softness is required. An excellent film for autoclave use or resin infusion.

BENEFITS

- Softness and good elongation makes bagging easier and faster to complete, reducing labor cost.
- Wider film means fewer seams for safer high temperature cures of large parts in shorter cycle times.
- Good elongation reduces bridging in corners and so less rework due to resin rich corners.

TECHNICAL DATA

		Test method
Material type	Nylon	
Elongation at break	425 %	ASTM D 882
Tensile strength	48 MPa	ASTM D 882
Maximum use temperature	212°C	
Flammability (self extinguishing)	Yes	ATP-5034
Materials to avoid	Phenolic resins/Strong oxidizers	
Colour	Pink	
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 7,11 m (280 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.
- Watch a video of Wide Films in the "Media Centre" on our website.

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Catalogue position : Bagging films

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