

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.

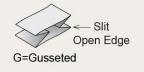
• Custom shapes and sizes are available, please contact Airtech for more information.





LFT=Lay-Flat Tubing





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.

Last updated : 2015-11-03

Catalogue position : Bagging films

As the conditions or methods of use, including storage, are beyond our control, Airtech Europe does not assume any responsibility for the performance of this material for any particular use. The material is sold "as is". Airtech Europe disclaims, and buyer waives, any and all implied warranties, including without limitation the implied warranties of merchantability and of fitness for particular use. The information contained herein represents typical properties and should not be used for specification purposes. This translation is provided for your convenience only. The official language is English and the official law is Luxembourg.