

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 414°F (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	7000 psi (48 MPa)	ASTM D 882
Maximum use temperature	414°F (212°C)	
Flammability (self extinguishing)	Yes	ATP-5034
Materials to avoid	Phenolic resins/Strong oxidizers	
Color	Pink	
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 280 inches (7.11 m)	SHT, CF, LFT
0.003 inch (75 µm)	up to 280 inches (7.11 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.



*SHT=Sheeting



CF=Centerfold



LFT=Lay-Flat
Tubing



LFT-G=Lay-Flat
Tubing Gusseted

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 Center" on our website.

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Catalog position : [Bagging films](#)