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Data Sheet

SECURLON® V-45

Economical vacuum bagging film for commercial autoclave processing

DESCRIPTION

Securlon® V-45 is designed for commercial applications that utilize higher temperature and higher pressure cure cycles. It is ideally suited for high performance automotive applications where autoclave processing is required and transportation interiors that commonly use phenolic prepregs.

BENEFITS

- Reduce scrap due to blown bags with use of this phenolic resistant bag film.
- Good elongation reduces bridging resulting in less rework due to low pressure in corners.
- Inexpensive film reduces costs compared to other high temperature films.

TECHNICAL DATA

		Test method
Material type	Multi-layer	
Elongation at break	400 %	ASTM D 882
Tensile strength	45 MPa	ASTM D 882
Maximum use temperature	171°C	
Flammability (self extinguishing)	No	ATP-5034
Materials to avoid	Compatible with most resin systems	
Colour	Translucent purple	
Shelf life	Unlimited when stored in original packaging at 22°C	

SIZES

Thickness	Width	Forms Available*
50 µm (0,002 inch)	up to 4,57 m (180 inches)	SHT, CF, LFT
75 µm (0,003 inch)	up to 4,57 m (180 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.

Last updated : 2020-06-16

Catalogue position : Bagging films

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