

ZI Haneboesch L-4562 Differdange **I UXEMBOURG**

Phone: +352 58 22 82 1 Fax: +352 58 49 35

E-mail:sales@airtech.lu Website : www.airtech.lu

Data Sheet

THERMALIMIDE E

Ultra high temperature bagging film

DESCRIPTION

Thermalimide E is a high performance bagging film for cure temperatures up to 426°C.

BENEFITS

- High temperature resistance enables vacuum bagging for extremely high temperature applications.
- Flexibility for applying pressure over simple contoured shapes.
 Superior toughness of film in comparison to metallic foils helps avoid bag tearing.

TECHNICAL DATA

		lest method
Material type	Polyimide	
Elongation at break	85 %	ASTM D 882
Tensile strength	240 MPa	ASTM D 882
Maximum use temperature	426°C	
Flammability (self extinguishing)	Yes	ATP-5034
Materials to avoid	None	
Colour	Amber	
Shelf life	Unlimited when stored in original packaging at 22°C	

SIZES

Thickness	Width	Length	Weight/Roll	Forms Available [*]
50 μm (0,002 inch)	1,02 m (40 inches)	78 m (255 feet)	5,8 Kg (12,7 lbs)	SHT
50 μm (0,002 inch)	1,52 m (60 inches)	78 m (255 feet)	8,6 Kg (18,9 lbs)	SHT

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











G=Gusseted

NOTES

• The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.

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Catalogue position : Bagging films

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