PRODUCT PAGE

Material:	Kapton Dupont 500HN

Overview:

DuPont™ Kapton® 500HN general-purpose film has been used successfully in applications at temperatures as low as -269°C and as high as 400°C.

Description:

Kapton® 500HN film can be laminated, metallized, punched, formed or adhesive coated. Kapton® 500HN is the recommended choice for applications that require an all-polyimide film with an excellent balance of properties over a wide range of temperatures.

Parameters:

Characteristics	Units	Value	Test Method
Type		Kapton films	
Shape		Roll	
Color		Amber	
Thickness	mm	0.125	
Tensile Strength	Mpa	231	ASTM D-882-91
Tear Strength-propagating	kN/m	0.58	ASTM D-1922-89
Dielectric Strength	kV/mm	154	ASTM D-149-91
Elongation at break	%	82	ASTM D-882-91
Volume resistance	?.CM	1.0*10^17	ASTM D257-83

Warranty:

Technical data

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Use of the product

Many factors beyond the control of PERLON, spol. s r.o. and known only to the user may affect the use and performance of materials in a particular application. Therefore, we recommend that the customer perform their own tests of the suitability and performance of the material for their application and to a responsible extent for reliable results. As a result, the customer is solely responsible for evaluating the product and determining if it is suitable for the customer's application, including evaluating workplace hazards and reviewing all applicable regulations and standards. Failure to properly evaluate, use, or comply with all applicable safety regulations may result in injury, illness, death, and/or property damage if the material and associated safety is not properly evaluated. PERLON, spol. s r.o. makes no warranties of fitness for a particular purpose.

Limitation of liability

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