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CORPORATION

DW 204-3HD

PTFE TAPE

Product Description:

DW204-3HD is produced from a skived and tensilized PTFE film that is coated with a high temperature silicone adhesive. The tensilized film provides higher strength, lower elongation and higher dielectric strength than regular skived film. DW204-3HD is an UL recognized component.

Application Information:

DW204-3HD is used in electrical applications such as coil wraps, separators, transformers, slot liners and harness wrapping where good insulation and heat resistance properties are required. It is also used in mechanical applications requiring high temperature resistance and a non-stick surface such as roll protection in flat die extrusion.

Technical Data	Test Method	Results	Metric Results
Backing Material		PTFE Film	
Backing Thickness		0.003 in.	0.008 cm
Adhesive System		Silicone	
Adhesive Thickness		0.0015 in.	0.004 cm
Adhesion	ASTM D 1000	25 oz./in.	279.03 g/cm
Tensile Strength (min)	ASTM D 3759/ASTM D 882	40 lb./in.	7.14 kg/cm
Elongation	ASTM D 3759/ASTM D 882	100%	
Dielectric Strength	ASTM D 149	3,500 volts/mil	
Max. Operating Temp		500°F	260°C
U.L. Approval	File no. E179854	Approved - Flame Retardant/Cold Resistant	
Govt.Specification	Mil-A-A59474 Type 1, Class 2 (supersedes Mil-I-23594C)	Pass	
Packaging Specifications	English	Metric	
Core ID	3 in.	7.62 cm	
Roll Length	36 yds.	32.92 m	
Width	0.5 to 21.5 in.	1.27 to 54.61 cm	

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