

Material:	LEXAN FR700
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Overview:

LEXAN FR700 is a black, one-side fine matte, one-side velvet flame-retardant polycarbonate film with a UL94 V-0 rating at 0.250 mm.

Description:

This film exhibits excellent formability, mechanical properties, and good dimensional stability at high temperatures. Its high flammability rating makes it suitable for various applications, including power supply insulation, disc drive insulation, bus-bar insulation, TV/monitor insulation, PC board insulation, and business equipment insulation. Additionally, it provides insulation and EMI/RFI shielding when laminated with metal foil.

Parameters:

Characteristics	Units	Value	Test Method
Color		Black	
Thickness	mm	0.43	
Tensile Strength	Mpa	66	ASTM D-882-91
Tear Strength-propagating	kN/m	16	ASTM D-1922-89
Dielectric Strength	kV/mm	59	ASTM D-149-91
Elongation at break	%	25 - 50	ASTM D-882-91
Volume resistance	? .CM	1.0*10 ¹⁷	ASTM D257-83
Surface resistance	?	1.0*10 ¹⁶	ASTM D257-83
Finish		Matte/Velvet	

Warranty:**Technical data**

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Use of the product

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