



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

With Metastar®
G-FLEX™
 FLEXIBLE INSULATION SOLUTIONS

G-Flex Aramid Felt YT7540

Product Description	G-Flex aramid felt YT7540 is a kind of pure meta-polyaramid felt which is made from meta-aramid staple fiber through carding and needle-punching of non-woven equipment, also known as: aramid felt.
Product Properties	G-Flex aramid felt YT7540 has excellent electrical insulation properties with insulation H grade (180°C), and has good temperature resistance and flame retardancy. According to EN 45545-2, the flame retardant rating is HL2 in the R22 & R23 category
Product Application	G-Flex aramid felt YT7540 is widely used in Motors and Generators
Thickness	2.5mm & 5mm, Width: 1000mm

G-Flex Aramid Felt YT7540 Standard Value

Nominal Thickness		inch	0.125	0.250	Standard
Typical Thickness		inch	0.125 ± 0.30	0.250 ± 0.45	ASTM/D461
Basis Weight		oz/yd ²	7.5±1	15±1	ASTM/D461
Tensile Strength	MD	lbs./inch	≥28	≥28	ASTM D1682
	CD	lbs./inch	≥35	≥35	ASTM D1682
Elongation ¹⁾	MD	%	≥70	≥70	ASTM D1682
	CD	%	≥70	≥70	ASTM D1682

1) Elongation is at 30% max. Load after felt is broken

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Attention: All the data are typical value, and can't be used as technical manual, all the data were tested under normal operating condition unless stated, - temperature is 23°C, relative humidity is 50%RH. In addition, there are differences in the mechanical properties of the aramid felt in the machine direction (MD) and the transverse direction (CD). In some applications, the direction of the aramid felt can be adjusted to achieve its optimum performance.