



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS
 INSULATING COMPONENTS FOR
POWER SYSTEMS EQUIPMENT

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MATERIAL DATA SHEET

Item: Magnetic Laminate Grade H208

Description: Grade H208 is a random mat polyester based material loaded with iron filings for magnetic properties. This material is commonly used for the fabrication of slot wedges for high voltage induction motors.

Availability:	Laminate Sheets:	Thickness:	English units 0.078"–.250"	SI Units 2mm–6.4mm
		Sheet Sizes:	33"x40" 37"x78"	84cmx102cm 94cmx198cm

Fabricated Parts: TheGundCompany custom fabricates insulation materials to the exact specifications and drawings of our customers.

Key Characteristics:	Test Method	Units - English (SI)	Typical Values
Standard Color			Grey
Density		lbs/in ³ (g/cc)	0.126(3.5)
Resin System			Polyester
Iron Content (approx.)		%	75
Glass Content (approx.)		%	9
Resin Content (approx.)		%	16
Flexural Strength (23 °C)	ASTMD-790	psi(MPa)	18,000(124)
Flexural Strength (150 °C)	ASTMD-790	psi(MPa)	3,400(23)
Volume Resistance	ASTMD-150	Ohmxcn	750

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