



# THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

Item:	S2S Hardboard		
Description:	S2S Hardboard from The Gund Company is a durable sheet material comprised of 100% virgin maple, oak, birch, and aspen wood fibres. It has a smooth surface on both sides and can be sawn, machined, and sheared easily. It is a suitable replacement for pressboard as a packing or wedging material in oil filled distribution transformers.		
Availability:		English Units (in)	SI Units (mm/cm)
	Thickness:	0.125, 0.187, 0.22	3, 4.75, 5.6 (mm)
	Sheet Size:	48 x 96	122 x 244 (cm)
	Fabricated Parts:	The Gund Company custom fabricates insulation materials to the exact specifications and drawings of our customers	

Key Characteristics		Units - English (SI)	Typical Values
Density		lb/in <sup>3</sup>	0.125
Flexural Strength	Length-Wise	ksi	6.2
	Cross-Wise	ksi	6.9
Impact Strength	Length-Wise	ft-lb/in	1.60
	Cross-Wise	ft-lb/in	1.70
Tensile Strength	Length-Wise	ksi	6.60
	Cross-Wise	ksi	11.80
Punch Type Shear		ksi	6.40
Compressive Strength		ksi	12.70
Dielectric Strength		V/mil	362
Breakdown Voltage		kV	44
Water Absorption		%	48
Permittivity		N/A	3.86
Dissipation Factor		N/A	0.0352