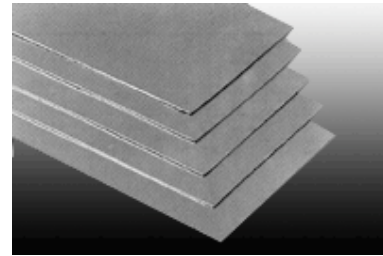


GENERAL INFORMATION

Flexible Graphite Sheet is made from exfoliated graphite flake and is produced through an extensive calendaring process to give a thin pure graphite sheet or flexible foil with no binder or resins

The only difference between the sheet and foil is the size of these two products.


PROPERTIES (CERAMSOURCE SHEET-ST)

	TEST METHOD	APPLICATION RANGE
Bulk Density	ASTM F1315	43.75~68.70 (± 3.125) lbs/ft ³ 0.70~1.10 (± 0.05) g/cm ³
Ash Content	ASTM C561	$\leq 1\%$
Sulfur Content	ASTM C816	< 1200 ppm
Fluorine Content	ASTM D1179	< 50 ppm
Chlorine Content	ASTM F1277	< 50 ppm
Tensile Strength	ASTM F152	> 40 bar > 580 psi
Compressive Strength	ASTM C695	> 2000 bar > 29000 psi
Recovery	ASTM F36	$> 12\%$
Compressibility	ASTM F36	$> 40\%$
Applied Temp. Range		-328~1112°F -328~5972°F (In non-oxidizing media)
		-200~600°F -200~3300°F (In non-oxidizing media)
Ignition Loss		$< 1\%$, with 3 hr at 842°F ($\pm 50^\circ\text{F}$) with 3 hr at 450°C ($\pm 10^\circ\text{C}$)

STANDARD SIZES

WIDTH X LENGTH	39.4" (+0.06") X 39.4" (+0.08")	1000mm(+1.5mm) X 1000mm (+2.0mm)
THICKNESS	0.015" (± 0.0008 "), 0.02" (± 0.0012 ") 0.03" (± 0.0012 "), 0.04" (± 0.0012 ") 0.06" (± 0.002 ")	0.38mm(± 0.02 mm), 0.50mm (± 0.03 mm) 0.75mm(± 0.03 mm), 1.00mm (± 0.03 mm) 1.50MM(± 0.05 mm)

PACKAGE

SIZE	PACKAGE
Thickness 0.04" (1.0mm) to 0.06" (1.5mm)	100 sheets in a vacuum sealed plastic bag, within a carton, within a wooden crate
Thickness 0.125" (3.175mm)	50 sheets in a vacuum sealed plastic bag, within a carton, within a wooden crate

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