



**CERAMATERIALS**



*"Your One Stop Shop for Thermal Processing"*

**Graphi-Braid: Flexible Graphite Mechanical Compression Packing**

Type	Square Size Inch	Feet/lb	Weight per roll (lbs)	Feet per roll	Price/lb	Price per roll	Price per foot \$
Graphi-Braid 1000 100% Graphite	1/8	120	2	240	14.00	28.00	0.12
<b>3 Types Available</b>	3/16	53	2	106	14.00	28.00	0.26
	1/4	30	5	150	14.00	70.00	0.47
	5/16	19.5	5	97.5	14.00	70.00	0.72
<b>Graphi-Braid 1000</b> (= 100% graphite)	3/8	13.3	5	66.5	14.00	70.00	1.05
	<b>Graphi-Braid 1000W</b> (= with Inconel Wire)	7/16	10	5	50	14.00	70.00
<b>Graphi-Braid 1000C</b> (= + carbon fiber on corners)	1/2	7.7	5	38.5	14.00	70.00	1.82
	9/16	6.5	10	65	14.00	140.00	2.15
	5/8	5.3	10	53	14.00	140.00	2.64
	3/4	3.6	10	36	14.00	140.00	3.89
	7/8	2.6	10	26	14.00	140.00	5.38
	1	2.1	10	21	14.00	140.00	6.67

**Typical Chemical & Physical Properties:** Weight Loss (840°F): 8.0%

Carbon Content of Packing: 90%

Graphite Purity: 99%

Ash Content: 1%

Sulfur: less than 1000 ppm

Leachable Chloride: Less than 50 ppm

**Graphi-Braid** is braided from specially treated flexible graphite yarn. This flexible graphite yarn is made from exfoliated high purity crystalline mineral graphite (flake graphite).

It maintains all characteristics of mineral graphite: heat resistant, chemical resistant, resilient, lubricant, pliable, conformable & thermally conductive.



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Type	Square Size Inch	Feet/lb	Weight per roll (lbs)	Feet per roll	Price/lb	Price per roll	Price per foot \$
Graphi-Braid 1000W + Inconel Wire	1/8	120	2	240	15.00	30.00	0.13
	3/16	53	2	106	15.00	30.00	0.28
	1/4	30	5	150	15.00	75.00	0.50
	5/16	19.5	5	97.5	15.00	75.00	0.77
	3/8	13.3	5	66.5	15.00	75.00	1.13
	7/16	10	5	50	15.00	75.00	1.50
	1/2	7.7	5	38.5	15.00	75.00	1.95
	9/16	6.5	10	65	15.00	150.00	2.31
	5/8	5.3	10	53	15.00	150.00	2.83
	3/4	3.6	10	36	15.00	150.00	4.17
	7/8	2.6	10	26	15.00	150.00	5.77
	1	2.1	10	21	15.00	150.00	7.14

Type	Square Size Inch	Feet/lb	Weight per roll (lbs)	Feet per roll	Price/lb	Price per roll	Price per foot \$
Graphi-Braid 1000C + Carbon Fire on Corners	1/8	120	2	240	45.00	90.00	0.38
	3/16	53	2	106	45.00	90.00	0.85
	1/4	30	5	150	45.00	225.00	1.50
	5/16	19.5	5	97.5	45.00	225.00	2.31
	3/8	13.3	5	66.5	45.00	225.00	3.38
	7/16	10	5	50	45.00	225.00	4.50
	1/2	7.7	5	38.5	45.00	225.00	5.84
	9/16	6.5	10	65	45.00	450.00	6.92
	5/8	5.3	10	53	45.00	450.00	8.49
	3/4	3.6	10	36	45.00	450.00	12.50
	7/8	2.6	10	26	45.00	450.00	17.31
	1	2.1	10	21	45.00	450.00	21.43