

## Graphi-Braid

### Flexible Graphite Mechanical Compression Packing



- **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.

### 3 Types Available

- 1) **Graphi-Braid 1000** (= 100% graphite)
- 2) **Graphi-Braid 1000W** (= with Inconel Wire)
- 3) **Graphi-Braid 1000C** (= + carbon fiber on corners)

### 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

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
	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
	3/8	13.3	5	66.5	\$ 14.00	\$ 70.00	\$ 1.05
	7/16	10	5	50	\$ 14.00	\$ 70.00	\$ 1.40
	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	

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 fiber 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	