



## Vermiculite Coated Fiberglass Braided Square Rope / Dry Packing 1500°F / 815°C: FlameShield™ 1500 Very High Temperature & Heat Resistant



Vermiculite coated fiberglass braided square rope is manufactured from texturized fiberglass yarns then coated with Vermiculite, a 100% inorganic dispersion.

Third party certified to meet the requirements of ASTM E 162, ASTM E 662 & SMP 800-C for surface flammability, smoke and toxic gas generation.

Vermiculite coated rope will withstand temperatures up to 1500°F / 815°C constant exposure with excursions to 2000°F / 1093°F. Also offers abrasion resistant stability.

Square rope is often used as a square dry packing. Suitable as an architectural rope for public venues seeking a nautical appearance with a fire rated product.

High insulation value & excellent personnel protection. Can be used as an alternative to sleeve and tapes when wrapped over hot pipes for burn protection.

- Highly flexible and minimal shrinkage. Meets Federal Railroad Administration requirements for surface flammability and rate of smoke generation.

Very High Temperature & Heat Resistant Vermiculite Coated Fiberglass Square Braided Rope – Square Dry Packing			
Part Number	OD Size inch / mm	Feet per Spool / Pound	Price per foot / pound (sold by pound)
R-FG-VC-SQ-0.250-M006	0.250 / 6	375 / 15	\$ 3.68 / \$ 51.26
R-FG-VC-SQ-0.312-M008	0.312 / 8	315 / 12.6	\$ 4.16 / \$ 52.46
R-FG-VC-SQ-0.375-M010	0.375 / 10	285 / 11.4	\$ 3.99 / \$ 45.55
R-FG-VC-SQ-0.437-M011	0.437 / 11	212 / 8.5	\$ 4.88 / \$ 41.50
R-FG-VC-SQ-0.500-M013	0.500 / 13	162 / 6.5	\$ 6.39 / \$ 41.58
R-FG-VC-SQ-0.562-M014	0.562 / 14	127 / 5.1	\$ 8.16 / \$ 41.61
R-FG-VC-SQ-0.625-M016	0.625 / 16	105 / 4.2	\$ 9.87 / \$ 41.47
R-FG-VC-SQ-0.750-M019	0.750 / 19	75 / 3	\$ 13.81 / \$ 41.43
R-FG-VC-SQ-0.875-M022	0.875 / 22	55 / 2.2	\$ 18.84 / \$ 41.44
R-FG-VC-SQ-1.000-M025	1.000 / 25	45 / 1.8	\$ 23.00 / \$ 41.41
R-FG-VC-SQ-1.250-M032 *	1.250 / 32	26 / 1.05	\$ 33.19 / \$ 37.86
R-FG-VC-SQ-1.500-M038 *	1.500 / 38	18 / 0.75	\$ 50.60 / \$ 37.95
R-FG-VC-SQ-2.000-M051 *	2.000 / 51	11 / .45	\$ 84.72 / \$ 38.12

**This Product is Available By-The-Pound Except Where Indicated. Standard spool is 25 pounds**

Fiber Type:	E Glass	Specific Gravity:	2.54-2.69
Breaking Tenacity:	1.71 gf/TEX. Std. 1.71 gf/TEX Wet	Tensile Strength:	450,000-500,000 psi.
Breaking Elongation:	4.81% Std. 4.81% Wet	Elastic Recovery:	100%
Average Stiffness:	2824.3 cn/TEX		

Effect of Heat: Will not burn; Retains 75% tensile at 343°C; Softens at 732-877°C; Melts at 1121-1182°C  
 Effect of Acids and Alkalis; Resistance to acids is fair. Good resistance to most alkalis.  
 Effect of Bleaches and Solvents: Unaffected

\*These sizes are sold in full length spools only.