



Vermiculite Coated Fiberglass Rope: *Dense* 1500°F / 815°C: FlameShield™ 1500: High Temperature & Heat Resistant



Vermiculite coated fiberglass 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.

Dense rope has an approximate compression of 25% when pressed with thumb pressure.

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.

- An alternative to asbestos and ceramic based textiles.
- 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 Knitted Rope: *Dense*

Part Number	OD Size inch / mm / -dash#	Feet per Spool	Price per foot
R-FG-VC-KD-M003-02	0.125 / 3 / -02	1,500	\$ 0.48
R-FG-VC-KD-M005-03	0.187 / 5 / -03	1,750	\$ 0.50
R-FG-VC-KD-M006-04	0.250 / 6 / -04	1,100	\$ 0.52
R-FG-VC-KD-M010-06	0.375 / 10 / -06	600	\$ 0.88
R-FG-VC-KD-M013-08	0.500 / 13 / -08	400	\$ 1.52
R-FG-VC-KD-M016-10	0.625 / 16 / -10	260	\$ 2.44
R-FG-VC-KD-M019-12	0.750 / 19 / -12	160	\$ 3.32
R-FG-VC-KD-M022-14	0.875 / 22 / -14	120	\$ 5.04
R-FG-VC-KD-M025-16	1.000 / 25 / -16	100	\$ 5.52
R-FG-VC-KD-M032-20 *	1.250 / 32 / -20	70	\$ 6.37
R-FG-VC-KD-M038-24 *	1.500 / 38 / -24	55	\$ 11.80
R-FG-VC-KD-M051-32 *	2.000 / 51 / -32	50	\$ 23.70
R-FG-VC-KD-M064-40 *	2.500 / 64 / -40	100	\$ 39.57
R-FG-VC-KD-M076-48 *	3.000 / 76 / -48	100	\$ 58.73
R-FG-VC-KD-M102-64 *	4.000 / 102 / -64	100	\$ 88.33

This Product is Available By-The-Foot Except Where Indicated

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

Minimum Order for .5" OD and less is 20 feet. Minimum order for .625" OD and larger is 10 feet.

* These items are sold in full length spools only.