

Fiberglass with Vermiculite Coated Rope: *Soft* 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.

Soft rope has an approximate compression of 50% 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: <i>Soft</i>		
Part Number	OD Size inch / mm / dash#	Feet / metres per Spool
<i>R-FG-VC-KS-M002-01*</i>	0.062 / 1.6 / -01	2,500 / 762
R-FG-VC-KS-M003-02	0.125 / 3 / -02	1,500 / 457
R-FG-VC-KS-M005-03	0.187 / 5 / -03	2,100 / 640
R-FG-VC-KS-M006-04	0.250 / 6 / -04	1,300 / 396
R-FG-VC-KS-M010-06	0.375 / 10 / -06	750 / 228
R-FG-VC-KS-M013-08	0.500 / 13 / -08	500 / 152
R-FG-VC-KS-M016-10	0.625 / 16 / -10	300 / 91
R-FG-VC-KS-M019-12	0.750 / 19 / -12	200 / 60
R-FG-VC-KS-M022-14	0.875 / 22 / -14	150 / 45
R-FG-VC-KS-M025-16	1.000 / 25 / -16	125 / 38
<i>R-FG-VC-KS-M032-20*</i>	1.250 / 32 / -20	85 / 25
<i>R-FG-VC-KS-M038-24*</i>	1.500 / 38 / -24	55 / 16

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.

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: <i>Dense</i>		
Part Number	OD Size inch / mm / -dash#	Feet per Spool
R-FG-VC-KD-M003-02	0.125 / 3 / -02	1,500
R-FG-VC-KD-M005-03	0.187 / 5 / -03	1,750
R-FG-VC-KD-M006-04	0.250 / 6 / -04	1,100
R-FG-VC-KD-M010-06	0.375 / 10 / -06	600
R-FG-VC-KD-M013-08	0.500 / 13 / -08	400
R-FG-VC-KD-M016-10	0.625 / 16 / -10	260
R-FG-VC-KD-M019-12	0.750 / 19 / -12	160
R-FG-VC-KD-M022-14	0.875 / 22 / -14	120
R-FG-VC-KD-M025-16	1.000 / 25 / -16	100
R-FG-VC-KD-M032-20 *	1.250 / 32 / -20	70
R-FG-VC-KD-M038-24 *	1.500 / 38 / -24	55
R-FG-VC-KD-M051-32 *	2.000 / 51 / -32	50
R-FG-VC-KD-M064-40 *	2.500 / 64 / -40	100
R-FG-VC-KD-M076-48 *	3.000 / 76 / -48	100
R-FG-VC-KD-M102-64 *	4.000 / 102 / -64	100

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.

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



Vermiculite coated fiberglass rope is manufactured from fiberglass yarns which are then 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 short excursions to 2000°F / 1093°F. Also offers abrasion resistant stability.

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 Twisted Rope		
Part Number	OD Size inch / mm	Feet per Spool
R-FG-VC-T-M003-02	0.125 / 3 / -02	2,525
R-FG-VC-T-M006-04	0.250 / 6 / -04	1,275
R-FG-VC-T-M010-06	0.375 / 10 / -06	969
R-FG-VC-T-M013-08	0.500 / 13 / -08	523
R-FG-VC-T-M016-10	0.625 / 16 / -10	305
R-FG-VC-T-M019-12	0.750 / 19 / -12	168
R-FG-VC-T-M022-14	0.875 / 22 / -14	144
R-FG-VC-T-M025-16	1.000 / 25 / -16	114
<i>R-FG-VC-T-M032-20*</i>	1.250 / 32 / -20	77
<i>R-FG-VC-T-M038-24*</i>	1.500 / 38 / -24	50
<i>R-FG-VC-T-M051-32*</i>	2.000 / 51 / -32	27

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		

*These items are sold in full length spools only.

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
R-FG-VC-SQ-0.250-M006	0.250 / 6	375 / 15
R-FG-VC-SQ-0.312-M008	0.312 / 8	315 / 12.6
R-FG-VC-SQ-0.375-M010	0.375 / 10	285 / 11.4
R-FG-VC-SQ-0.437-M011	0.437 / 11	212 / 8.5
R-FG-VC-SQ-0.500-M013	0.500 / 13	162 / 6.5
R-FG-VC-SQ-0.562-M014	0.562 / 14	127 / 5.1
R-FG-VC-SQ-0.625-M016	0.625 / 16	105 / 4.2
R-FG-VC-SQ-0.750-M019	0.750 / 19	75 / 3
R-FG-VC-SQ-0.875-M022	0.875 / 22	55 / 2.2
R-FG-VC-SQ-1.000-M025	1.000 / 25	45 / 1.8
R-FG-VC-SQ-1.250-M032 *	1.250 / 32	26 / 1.05
R-FG-VC-SQ-1.500-M038 *	1.500 / 38	18 / 0.75
R-FG-VC-SQ-2.000-M051 *	2.000 / 51	11 / .45

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.