

Rope & Packing

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Thermal, EMI/RFI & Abrasion Resistant Materials

Fax Orders: 610-340-9054 Telephone Orders: 610-906-3549 orders@abthermal.com

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Thermal, EMI/RFI & Abrasion Resistant Materials

Fax Orders: 610-340-9054 Telephone Orders: 610-906-3549 orders@abthermal.com

Kevlar® 12-Strand Single Braid Rope
320°F / 160°C: Continuous Rating – Higher Temperature for Shorter Periods
FlameShield™ High Temperature, Heat Resistant High Strength & Cut Resistant



- 100% Kevlar rope. 12-Strand single braid.
- Fibers are 20 times stronger than steel for the same diameter.
- Highly cut resistant.
- Low stretch, high strength.
- Available in natural (yellow) color.
- Not recommended for use over pulleys or repetitive flexing applications.
- Specific gravity 1.44; Elongation at break 1.5-4.5%

320°F / 160°C maximum continuous rating. Short term exposure to 572°F / 300°C

FlameShield™ High Temperature & Heat Resistant 12-Strand Single Braided Kevlar® Rope - Premium			
Part Number	Nominal OD	Average Tensile Lb / kg	Wt (lbs)
R-K-0.125-M003-X	1/8" / 3.1 mm	1,500 / 682	4
R-K-0.187-M005-X	3/16" / 4.7 mm	3,600 / 1636	7
R-K-0.250-M006-X	1/4" / 6.2 mm	6,600 / 3000	12
R-K-0.312-M008-X	5/16" / 7.9 mm	9,500 / 4318	18
R-K-0.375-M010-X	3/8" / 9.5 mm	12,000 / 5454	24
R-K-0.437-M011-X	7/16" / 11.1 mm	15,000 / 6818	30
R-K-0.500-M013-X	1/2" / 12.7 mm	22,000 / 10000	47
R-K-0.625-M016-X	5/8" / 15.8 mm	36,000 / 16363	84
R-K-0.750-M019-X	3/4" / 19.0 mm	49,000 / 22272	116
R-K-0.875-M022-X	7/8" / 22.2 mm	60,000 / 27272	142
R-K-1.000-M025-X	1" / 25.4 mm	78,000 / 35454	184

**For the "X" value: use "F" for By-The-Foot followed by length in feet (example: F66 = 66 feet)
use "S" for Spool**

This Product is available By-The-Foot and in Spools. Spools are 600 feet.

Kevlar® Aramid Fiber Shears / Cutters: (See complete list at the end of Section 7)

Kevlar® and aramid based products are difficult to cut due to their filament shear strength. Heavy duty scissors can sometimes cut these materials, but often fail quickly as the Kevlar quickly dulls the cutting edge. Kevlar® Shears are specifically designed to cut Kevlar® and aramid products, and feature a serrated blade so that the fibers don't slip while cutting, holding the fiber in position and allowing for a greater shear force to be applied by the opposing blade. These shears are Extra Heavy Duty, and can be used for other materials such as cutting steel wires and steel tie wraps.

TL-S-KEV-HD-3725 10" length, 4.9" cutting length, Single serrated blade: \$52.00
TL-S-KEV-HD-3925 10" length, 4.9" cutting length, Double serrated blade: \$54.00

Silicone Rubber Solid Cord / Rope - High Temperature & Heat Resistant 400°F / 204°C



- Suitable for continuous operation from -80°F (-62°C) to 400°F (204°C).
- Depending on media and application useful life at temperatures up to 570°F (300°C) may be obtained.
- Stock in 60ShA hardness in red.
- Coil length is 100 feet / 30.4 metres.

Durometer ShA: 60
 Tensile Strength, psi (Mpa): 1500 (10.3)
 Tear Strength, ppi (N/mm): 120 (21)
 Elongation, %: 470
 Specific gravity: 1.15
 Dielectric, V/mil (kV/mm): 584 (23)
 Brittle point, F/C: -112 (-80)
 Compression Set,
 22 hrs / 347°F/175°C. %: 35

FlameShield™ High Temperature, Heat & Flame Resistant Silicone Rubber Cord / Rope

Part Number	Diameter in / mm
R-SR-070-M0018	.070 / 1.78
R-SR-090-M0022	.090 / 2.28
R-SR-093-M0024	.093 / 2.36
R-SR-103-M0026	.103 / 2.62
R-SR-109-M0027	.109 / 2.76
R-SR-125-M0032	.125 / 3.18
R-SR-139-M0035	.139 / 3.53
R-SR-156-M0040	.156 / 3.96
R-SR-187-M0048	.187 / 4.75
R-SR-210-M0053	.210 / 5.33
R-SR-250-M0064	.250 / 6.35
R-SR-275-M0070	.275 / 6.99
R-SR-312-M0080	.312 / 7.92
R-SR-375-M0095	.375 / 8.89
R-SR-437-M0110	.437 / 11.01
R-SR-500-M0127	.500 / 12.70
R-SR-562-M0142	.562 / 14.27

Other sizes available by quotation

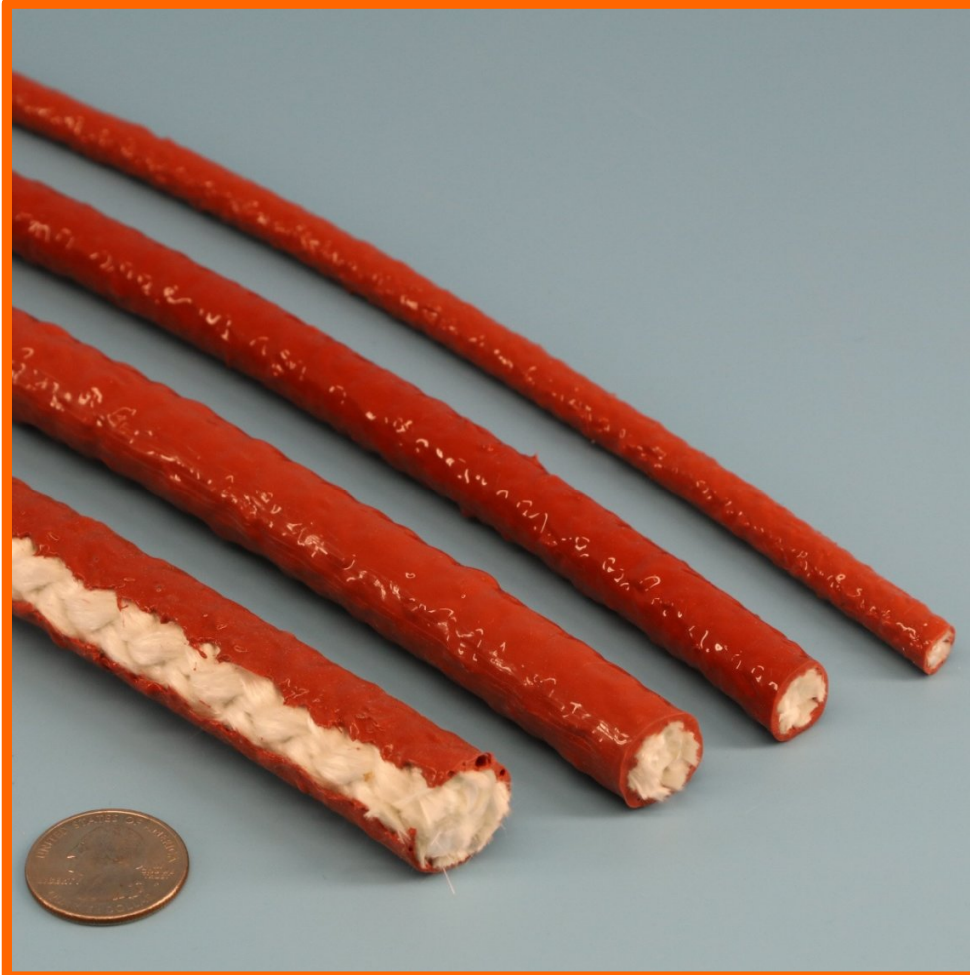
Silicone Sponge Cord - High Temperature & Heat Resistant 392°F / 200°C



- Suitable for continuous operation from -80°F (-62°C) to 392°F (200°C).
- Depending on media and application useful life at temperatures up to 425°F (218°C) may be obtained.
- Density 16lb per cubic foot
- Compression recovery; 25% deflection: 100% at room temperature. Slightly reduced at elevated temperatures
- Thermal value: 0.0695 W(M.K)
- Tensile strength 65 Newtons

FlameShield™ High Temperature, Heat & Flame Resistant Silicone Sponge Cord Size: .062" to 1.000" (1.8mm to 14.3mm)			
Part Number	Diameter in / mm	Spool Length ft / m	Color
R-SSC-0.062-M0016	.062 / 1.57	50 / 15.24	Blue
R-SSC-0.125-M0031	.125 / 3.17	50 / 15.24	Black
R-SSC-0.187-M0047	.187 / 4.74	50 / 15.24	Red
R-SSC-0.218-M0055	.218 / 5.53	50 / 15.24	Red
R-SSC-0.250-M0063	.250 / 6.35	50 / 15.24	Grey
R-SSC-0.312-M0079	.312 / 7.92	50 / 15.24	Blue
R-SSC-0.375-M0095	.375 / 9.52	50 / 15.24	Red
R-SSC-0.437-M0110	.437 / 11.09	50 / 15.24	Grey
R-SSC-0.500-M0127	.500 / 12.70	25 / 7.62	Orange
R-SSC-0.625-M0158	.625 / 15.87	25 / 7.62	Grey
R-SSC-0.750-M0190	.750 / 19.05	25 / 7.62	Red
R-SSC-0.875-M0222	.875 / 22.22	25 / 7.62	Grey
R-SSC-1.000-M0254	1.000 / 25.40	25 / 7.62	Blue

Silicone Rubber Coated Fiberglass Rope - Round
500°F / 260°C Continuous Rating – Higher Temperature for Shorter Periods
High Temperature, Heat & Flame Resistant
Gasket Rope for Liquid / Gas / Steam Containment



FlameShield™ FG-SR rope is an excellent gasket rope for high temperature sealing, especially for liquid or gas containment, steam, etc.

Also an excellent cold temperature rope with flexibility to -76°C for refrigeration and cryogenic applications.

The leftmost rope in the above photo shows a partial coat rope. The 3 ropes on the right are full coat. The uncoated area of the partial coat rope can be used for adhesively or mechanically fastening the rope to metalwork or other materials.

Our liquid and paste silicone rubber sealants can be used to seal the joint area for continuous ring gasket applications.

Silicone Rubber Coated Fiberglass Rope
500°F / 260°C Continuous Rating – Higher Temperature for Shorter Periods
 (Continued)



500°F / 260°C continuous rating with higher intermittent capability
 Weld splatter & molten metal splash protection.

FlameShield™ High Temperature Silicone Rubber Coated Fiberglass Rope; Full Coating & Partial Coating – Round			
Part Number	Nominal OD		
	Inches / mm / Dash #		
R-FG-SR-0.250-M006-X-Y	1/4	6	-4
R-FG-SR-0.312-M008-X-Y	5/16	8	-5
R-FG-SR-0.375-M010-X-Y	3/8	10	-6
R-FG-SR-0.500-M013-X-Y	1/2	13	-8
R-FG-SR-0.625-M016-X-Y	5/8	16	-10
R-FG-SR-0.750-M019-X-Y	3/4	19	-12
R-FG-SR-0.875-M022-X-Y	7/8	22	-14
R-FG-SR-1.000-M025-X-Y	1	25	-16
R-FG-SR-1.250-M032-X-Y	1 1/4	32	-20

For the “X” value; Replace with “F” for full coating, and “P” for partial coating

For the “Y” value; Replace with “100” for full coil, and 10 thru 99 for other lengths

Standard coil length for full coating rope is 100 feet / 30 Metres.
Partial Coat rope only available in full spool lengths.

Silicone Rubber Coated Fiberglass Rope - Square
500°F / 260°C Continuous Rating – Higher Temperature for Shorter Periods
High Temperature, Heat & Flame Resistant
Gasket Rope for Liquid / Gas / Steam Containment



FlameShield™ FG-SQ-SR rope is an excellent gasket rope for high temperature sealing, especially for liquid or gas containment, steam, etc.

Also an excellent cold temperature rope with flexibility to -76°C for refrigeration and cryogenic applications.

The leftmost rope in the above photo shows a partial coat rope. The 3 ropes on the right are full coat. The uncoated area of the partial coat rope can be used for adhesively or mechanically fastening the rope to metalwork or other materials.

Our liquid and paste silicone rubber sealants can be used to seal the joint area for continuous ring gasket applications.

Silicone Rubber Coated Fiberglass Rope - Square
500°F / 260°C Continuous Rating – Higher Temperature for Shorter Periods
 (Continued)



500°F / 260°C continuous rating with higher intermittent capability
 Weld splatter & molten metal splash protection.

FlameShield™ High Temperature Silicone Rubber Coated Fiberglass Rope; Full Coating & Partial Coating - Square			
Part Number	Nominal OD		
	Inches / mm / Dash #		
R-FG-SQ-SR-0.250-M006-X-Y	1/4	6	-4
R-FG-SQ-SR-0.312-M008-X-Y	5/16	8	-5
R-FG-SQ-SR-0.375-M010-X-Y	3/8	10	-6
R-FG-SQ-SR-0.500-M013-X-Y	1/2	13	-8
R-FG-SQ-SR-0.625-M016-X-Y	5/8	16	-10
R-FG-SQ-SR-0.750-M019-X-Y	3/4	19	-12
R-FG-SQ-SR-0.875-M022-X-Y	7/8	22	-14
R-FG-SQ-SR-1.000-M025-X-Y	1	25	-16
R-FG-SQ-SR-1.250-M032-X-Y	1 1/4	32	-20

For the "X" value, use **R** for oxide-red color or **B** for black
 For the "Y" value; Replace with "100" for full coil, and 10 thru 99 for cut lengths

Standard coil length for full coating rope is 100 feet / 30 Metres.
Partial Coat rope only available in full spool lengths.

Acrylic Fiber with PTFE Impregnation Square Braided Gasket & Compression Packing Rope

500°F / 260°C: High Temperature Heat & Chemical Resistance



- Economical alternative to Asbestos
- Acrylic synthetic fiber with PTFE Impregnation
- pH: 2 to 12
- Up to 3000 psi
- Shaft speed up to 2500 feet per minute

This rope offers the advantage of a non-asbestos material with higher temperature range and with excellent resistance to almost all solvents, caustics and acids.

Used as a pump packing and stuffing box packing.

High Temperature & Chemical Resistance Acrylic Fiber with PTFE Impregnation Square Braid Rope / Packing			
Part Number	OD Size inch / mm	Feet per Spool Nominal	Feet per Pound Nominal
R-A-PT-SQ-0.125-M003	0.125 / 3	500	100
R-A-PT-SQ-0.187-M005	0.187 / 5	225	45
R-A-PT-SQ-0.250-M006	0.250 / 6	125	25
R-A-PT-SQ-0.312-M008	0.312 / 8	85	17
R-A-PT-SQ-0.375-M010	0.375 / 10	60	12
R-A-PT-SQ-0.437-M011	0.437 / 11	45	9
R-A-PT-SQ-0.500-M013	0.500 / 13	35	7
R-A-PT-SQ-0.562-M014	0.562 / 14	27.5	5.5
R-A-PT-SQ-0.625-M016	0.625 / 16	22.5	4.5
R-A-PT-SQ-0.687-M017	0.687 / 17.5	18.5	3.7
R-A-PT-SQ-0.750-M019	0.750 / 19	15.5	3.1
R-A-PT-SQ-0.875-M022	0.875 / 22	11.5	2.3
R-A-PT-SQ-1.000-M025	1.000 / 25	9	1.8

This product is sold in a minimum 5 pound spool, and additionally in 1 pound increments

Pure PTFE Square Braided Gasket & Compression Packing Seal Rope
 550°F / 287°C: High Temperature Heat & Chemical Resistance



- Pure PTFE
- pH: 0 to 14
- Up to 2500 psi
- Shaft speed up to 1600 feet per minute
- Use in corrosive and “clean” applications

This pure PTFE square rope offers the advantage of a non-asbestos material with high temperature range and with excellent resistance to almost all solvents, caustics and acids.

PTFE melting point is 620°F / 327°C.
 Used as a pump packing and stuffing box packing

Pure PTFE Square Braid Rope / Packing High Temperature & Chemical Resistance			
Part Number	OD Size inch / mm	Nominal Feet per Spool	Nominal Feet per Pound
R-PTFE-SQ-0.125-M003-X	0.125 / 3	415	83
R-PTFE-SQ-0.187-M005-X	0.187 / 5	180	36
R-PTFE-SQ-0.250-M006-X	0.250 / 6	102	20.4
R-PTFE-SQ-0.312-M008-X	0.312 / 8	68	13.6
R-PTFE-SQ-0.375-M010-X	0.375 / 10	46	9.3
R-PTFE-SQ-0.437-M011-X	0.437 / 11	34	6.9
R-PTFE-SQ-0.500-M013-X	0.500 / 13	26	5.3
R-PTFE-SQ-0.562-M014-X	0.562 / 14	42	4.2
R-PTFE-SQ-0.625-M016-X	0.625 / 16	35	3.5
R-PTFE-SQ-0.750-M019-X	0.750 / 19	23	2.36
R-PTFE-SQ-0.875-M022-X	0.875 / 22	17	1.76

THIS PRODUCT IS SOLD IN ONE POUND INCREMENTS

Fiberglass Knitted Round Rope with PTFE Coating – SOFT 550°F / 287°C: High Temperature Heat & Chemical Resistance



- PTFE immersion and then sintered to achieve full flow impregnation

This rope offers the advantage of a non-asbestos material with high temperature range and with excellent resistance to almost all solvents, caustics and acids.

The base yarn is rated to 1200°F / 648°C.

PTFE melting point is 620°F / 327°C.

Used as a pump packing and stuffing box packing

High Temperature & Chemical Resistance Knitted Fiberglass Rope with PTFE Coating: <i>Round Soft Rope</i>		
Part Number	OD Size inch / mm	Feet per Spool
R-FG-PT-KS-M002-01	0.062 / 1.6	2,500
R-FG-PT-KS-M003-02	0.125 / 3	1,500
R-FG-PT-KS-M005-03	0.187 / 5	2,100
R-FG-PT-KS-M006-04	0.250 / 6	1,300
R-FG-PT-KS-M010-06	0.375 / 10	750
R-FG-PT-KS-M013-08	0.500 / 13	500
R-FG-PT-KS-M016-10	0.625 / 16	300
R-FG-PT-KS-M019-12	0.750 / 19	200
R-FG-PT-KS-M022-14	0.875 / 22	150
R-FG-PT-KS-M025-16	1.000 / 25	125
R-FG-PT-KS-M032-20*	1.250 / 32	85
R-FG-PT-KS-M038-24*	1.500 / 38	55

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

*These items are sold in full length spools only.

The PTFE is applied to the rope by a proprietary sinterization process. The rope is soaked repeatedly in a PTFE dispersion, dried, and then baked. The result is a PTFE coating on the rope which is soft, robust and flexible; however, it can be abrasively removed from the rope with aggressive fingernail scraping, resulting in a thinner and thinner layer of ptfе remaining with each pass. The PTFE also causes the yarns to be sealed and the small gaps between the yarns filled, resulting in an almost air-tight / liquid-tight rope.

Fiberglass Knitted Round Rope with PTFE Coating - DENSE 550°F / 287°C: High Temperature Heat & Chemical Resistance



- PTFE Impregnation

This rope offers the advantage of a non-asbestos material with higher temperature range and with excellent resistance to almost all solvents, caustics and acids.

The base yarn is rated to 1200°F / 648°C.

PTFE melting point is 620°F / 327°C.

550°F / 287°C continuous rating, high insulation value

Used as a pump packing and stuffing box packing

Very High Temperature Knitted Fiberglass Rope with PTFE Coating: *Round Dense Rope*

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

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

*These items are sold in full length spools only.

The PTFE is applied to the rope by a proprietary sinterization process. The rope is soaked repeatedly in a PTFE dispersion, dried, and then baked. The result is a PTFE coating on the rope which is soft, robust and flexible; however, it can be abrasively removed from the rope with aggressive fingernail scraping, resulting in a thinner and thinner layer of ptfе remaining with each pass. The PTFE also causes the yarns to be sealed and the small gaps between the yarns filled, resulting in an almost air-tight / liquid-tight rope.

Round Twisted Fiberglass Rope with PTFE Coating 550°F / 287°C: High Temperature Heat & Chemical Resistance



- PTFE Impregnation

This rope offers the advantage of a non-asbestos material with higher temperature range and with excellent resistance to almost all solvents, caustics and acids.

The base yarn is rated to 1200°F / 648°C.

PTFE melting point is 620°F / 327°C.

Used as a pump packing and stuffing box packing

High Temperature Heat & Chemical Resistance Fiberglass Round Twisted Rope with PTFE Coating		
Part Number	OD Size inch / mm	Nominal Feet per Spool
R-FG-PT-T-M003-02	0.125 / 3	2,525
R-FG-PT-T-M006-04	0.250 / 6	1,275
R-FG-PT-T-M010-06	0.375 / 10	969
R-FG-PT-T-M013-08	0.500 / 13	523
R-FG-PT-T-M016-10	0.625 / 16	305
R-FG-PT-T-M019-12	0.750 / 19	168
R-FG-PT-T-M022-14	0.875 / 22	144
R-FG-PT-T-M025-16	1.000 / 25	114
<i>R-FG-PT-T-M032-20*</i>	1.250 / 32	77
<i>R-FG-PT-T-M038-24*</i>	1.500 / 38	50
<i>R-FG-PT-T-M051-28*</i>	2.000 / 51	27

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

*These items are sold in full length spools only.

The PTFE is applied to the rope by a proprietary sinterization process. The rope is soaked repeatedly in a PTFE dispersion, dried, and then baked. The result is a PTFE coating on the rope which is soft, robust and flexible; however, it can be abrasively removed from the rope with aggressive fingernail scraping, resulting in a thinner and thinner layer of ptfе remaining with each pass. The PTFE also causes the yarns to be sealed and the small gaps between the yarns filled, resulting in an almost air-tight / liquid-tight rope.

Square Braided Fiberglass Rope / Packing with PTFE Impregnation 550°F / 287°C: High Temperature Heat & Chemical Resistance



- PTFE Impregnation

This rope offers the advantage of a non-asbestos material with higher temperature range and with excellent resistance to almost all solvents, caustics and acids.

The base yarn is rated to 1200°F / 648°C.

PTFE melting point is 620°F / 327°C.

Used as a pump packing and stuffing box packing

High Temperature & Chemical Resistance Fiberglass Square Braided Rope with PTFE Coating

Part Number	OD Size inch / mm	Nominal Feet per Spool
R-FG-PT-SQ-M006-04	0.250 / 6	375
R-FG-PT-SQ-M008-05	0.312 / 8	315
R-FG-PT-SQ-M010-06	0.375 / 10	285
R-FG-PT-SQ-M011-07	0.437 / 11	212
R-FG-PT-SQ-M013-08	0.500 / 13	162
R-FG-PT-SQ-M014-09	0.562 / 14	127
R-FG-PT-SQ-M016-10	0.625 / 16	105
R-FG-PT-SQ-M019-12	0.750 / 19	75
R-FG-PT-SQ-M022-14	0.875 / 22	55
R-FG-PT-SQ-M025-16	1.000 / 25	45
R-FG-PT-SQ-M032-20*	1.250 / 32	26
R-FG-PT-SQ-M038-24*	1.500 / 38	18
R-FG-PT-SQ-M051-32*	2.000 / 51	11

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

*These items are sold in full length spools only.

The PTFE is applied to the rope by a proprietary sinterization process. The rope is soaked repeatedly in a PTFE dispersion, dried, and then baked. The result is a PTFE coating on the rope which is soft, robust and flexible; however, it can be abrasively removed from the rope with aggressive fingernail scraping, resulting in a thinner and thinner layer of ptfе remaining with each pass. The PTFE also causes the yarns to be sealed and the small gaps between the yarns filled, resulting in an almost air-tight / liquid-tight rope.

Square Braided PTFE Rope / Compression Packing with Graphite Impregnation

550°F / 287°C: PT-Graf™ High Temperature & Chemical Resistant



- Graphite Impregnated PTFE yarn
- Heat Resistant / Chemical Resistant
- Conformable and Resilient
- Thermally Conductive
- Self Lubricating
- pH range: 0 to 14
- Rotary pump up to 450 psi, Recip pump up to 2000 psi Valve up to 3500 psi.
- Up to 4500 FPM shaft speed
- Unique packing rope with best of both world's sealing performance where moderate temperature resistance is needed.

Used as a compression packing for pump and valve shafts and as a stuffing box packing.

High Temperature Square Braided PT-Graf™ Graphite Coated PTFE Rope			
Part Number	OD Size inch / mm	Nominal Feet per Spool	Nominal Feet per Pound
R-PTFE-GR-SQ-M003-02	0.125 / 3	520	104
R-PTFE-GR-SQ-M005-03	0.187 / 5	230	46
R-PTFE-GR-SQ-M006-04	0.250 / 6	135	27
R-PTFE-GR-SQ-M008-05	0.312 / 8	85	17
R-PTFE-GR-SQ-M010-06	0.375 / 10	60	12
R-PTFE-GR-SQ-M011-07	0.437 / 11	45	9
R-PTFE-GR-SQ-M013-08	0.500 / 13	34	6.8
R-PTFE-GR-SQ-M014-09	0.562 / 14	54	5.4
R-PTFE-GR-SQ-M016-10	0.625 / 16	44	4.4
R-PTFE-GR-SQ-M019-12	0.750 / 19	32	3.2
R-PTFE-GR-SQ-M022-14	0.875 / 22	23	2.3

This Product is Available By-The-Foot

THIS PRODUCT IS SOLD IN ONE POUND INCREMENTS

Fiberglass Knitted Rope, Premium Grade: *Soft Rope* 1200°F / 648°C: Very High Temperature & Heat Resistant



This knitted rope is fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

The base fiber is manufactured to the specifications of ASTM D-578, ASTM committee D13, and subcommittee D13.18.

Meets US Coast Guard specification 164.009 for incombustible material.

A Heat Treated version of this product is available – please enquire

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Knitted Fiberglass Rope is used extensively as a seal in ovens and kiln access doors, and also as a high-temperature packing.

Additional Technical Specifications: Breaking Tenacity: 1.71 gf/TEX Std and Wet. Tensile Strength: 450,000-500,000 psi. Breaking Elongation: 4.81% Std and Wet. Elastic Recovery: 100% Average Stiffness: 2824.3 cn/TEX. Specific Gravity: 2.54 – 2.69. 75% tensile at 343°C. Softens 732 – 877°C. Melts 1121-1182°C.

(continued next page)

Fiberglass Knitted Rope, Premium Grade: *Soft Rope (Continued)*
1200°F / 648°C: Very High Temperature & Heat Resistant



Very High Temperature & Heat Resistant Fiberglass Knitted Rope Premium Grade: <i>Soft Rope</i>		
Part Number	OD Size inch / mm / dash#	Nominal Feet / Metres per Carton
R-FG-KS-P-0.062-M002	0.062 / 1.6 / 01	2,500 / 762
R-FG-KS-P-0.125-M003	0.125 / 3 / -02	1,500 / 457
R-FG-KS-P-0.187-M005	0.187 / 5 / -03	2,500 / 762
R-FG-KS-P-0.250-M006	0.250 / 6 / -04	2,000 / 609
R-FG-KS-P-0.312-M008	0.312 / 8 / -05	1,500 / 457
R-FG-KS-P-0.375-M010	0.375 / 10 / -06	1,000 / 304
R-FG-KS-P-0.437-M011	0.437 / 11 / -07	750 / 228
R-FG-KS-P-0.500-M013	0.500 / 13 / -08	500 / 152
R-FG-KS-P-0.625-M016	0.625 / 16 / -10	450 / 137
R-FG-KS-P-0.750-M019	0.750 / 19 / -12	500 / 152
R-FG-KS-P-0.875-M022	0.875 / 22 / -14	300 / 91
R-FG-KS-P-1.000-M025	1.000 / 25 / -16	250 / 76
R-FG-KS-P-1.250-M032	1.250 / 32 / -20	175 / 38
R-FG-KS-P-1.500-M038	1.500 / 38 / -24	150 / 45
R-FG-KS-P-1.750-M044	1.750 / 44 / -28	90 / 27

Please call for additional discount pricing when ordering more than 6 cartons.

This Product is NOT Available By-The-Foot – Full Carton Only

Fiberglass Knitted Rope, Premium Grade: *Dense Rope* 1200°F / 648°C: Very High Temperature & Heat Resistant



This knitted rope is fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

The base fiber is manufactured to the specifications of ASTM D-578, ASTM committee D13, and subcommittee D13.18.

Meets US Coast Guard specification 164.009 for incombustible material.

A Heat Treated version of this product is available – please enquire

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Knitted Fiberglass Rope is used extensively as a seal in ovens and kiln access doors, and also as a high-temperature packing.

Additional Technical Specifications: Breaking Tenacity: 1.71 gf/TEX Std and Wet. Tensile Strength: 450,000-500,000 psi. Breaking Elongation: 4.81% Std and Wet. Elastic Recovery: 100% Average Stiffness: 2824.3 cn/TEX. Specific Gravity: 2.54 – 2.69. 75% tensile at 343°C. Softens 732 – 877°C. Melts 1121-1182°C.

(continued next page)

Fiberglass Knitted Rope, Premium Grade: Dense Rope (Continued)
1200°F / 648°C: Very High Temperature & Heat Resistant



Very High Temperature & Heat Resistant Fiberglass Knitted Rope Premium Grade: Dense Rope		
Part Number	OD Size inch / mm / dash#	Nominal Feet / Metres per Carton
R-FG-KD-P-0.125-M003	0.125 / 3 / -02	1,500 / 457
R-FG-KD-P-0.187-M005	0.187 / 5 / -03	2,500 / 762
R-FG-KD-P-0.250-M006	0.250 / 6 / -04	1,500 / 457
R-FG-KD-P-0.312-M008	0.312 / 8 / -05	1,000 / 304
R-FG-KD-P-0.375-M010	0.375 / 10 / -06	700 / 213
R-FG-KD-P-0.437-M011	0.437 / 11 / -07	600 / 182
R-FG-KD-P-0.500-M013	0.500 / 13 / -08	450 / 137
R-FG-KD-P-0.625-M016	0.625 / 16 / -10	300 / 91
R-FG-KD-P-0.750-M019	0.750 / 19 / -12	350 / 106
R-FG-KD-P-0.875-M022	0.875 / 22 / -14	225 / 68
R-FG-KD-P-1.000-M025	1.000 / 25 / -16	200 / 60
R-FG-KD-P-1.250-M032	1.250 / 32 / -20	125 / 38
R-FG-KD-P-1.500-M038	1.500 / 38 / -24	100 / 30
R-FG-KD-P-1.750-M044	1.750 / 44 / -28	80 / 24

Please call for additional discount pricing when ordering more than 6 cartons.

Knitted Fiberglass Rope is used extensively as a seal in ovens and kiln access doors, and also as a high-temperature packing.

This Product is NOT Available By-The-Foot – Full Carton Only

Additional Technical Specifications: Breaking Tenacity: 1.71 gf/TEX Std and Wet. Tensile Strength: 450,000-500,000 psi. Breaking Elongation: 4.81% Std and Wet. Elastic Recovery: 100% Average Stiffness: 2824.3 cn/TEX. Specific Gravity: 2.54 – 2.69. 75% tensile at 343°C. Softens 732 – 877°C. Melts 1121-1182°C.

Fiberglass Knitted Rope, Industrial Grade: *Soft Rope* 1200°F / 648°C: Very High Temperature & Heat Resistant



This knitted rope is fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

Commonly used for making gaskets on a variety of industrial and commercial boilers, ovens, furnaces. Used as a high temperature packing for shaft seals. Also used for residential wood and pellet stoves.

Other applications include a general purpose rope for industrial use, to suspend or hang objects or tie-off in high temperature environments in steel mills, aluminum and metals processing plants, etc.

A Heat Treated version of this product is available – please enquire

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Fiberglass Knitted Rope Industrial Grade: <i>Soft Rope</i>		
Part Number	OD Size inch / mm	Nominal Feet / Metres per Spool
<i>R-FG-KS-I-0.062-M002*</i>	0.062 / 1.6	2,500 / 762
R-FG-KS-I-0.125-M003	0.125 / 3	1,500 / 457
R-FG-KS-I-0.187-M005	0.187 / 5	2,100 / 640
R-FG-KS-I-0.250-M006	0.250 / 6	1,300 / 396
R-FG-KS-I-0.375-M010	0.375 / 10	750 / 228
R-FG-KS-I-0.500-M013	0.500 / 13	500 / 152
R-FG-KS-I-0.625-M016	0.625 / 16	300 / 91
R-FG-KS-I-0.750-M019	0.750 / 19	200 / 60
R-FG-KS-I-0.875-M022	0.875 / 22	150 / 45
R-FG-KS-I-1.000-M025	1.000 / 25	125 / 38
<i>R-FG-KS-I-1.250-M032*</i>	1.250 / 32	85 / 25
<i>R-FG-KS-I-1.500-M038*</i>	1.500 / 38	55 / 16

This product is not to be used for life safety applications

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

*These items are sold in full length spools only.

Additional Technical Specifications: Breaking Tenacity: 1.71 gf/TEX Std and Wet. Tensile Strength: 450,000-500,000 psi. Breaking Elongation: 4.81% Std and Wet. Elastic Recovery: 100% Average Stiffness: 2824.3 cn/TEX. Specific Gravity: 2.54 – 2.69. 75% tensile at 343°C. Softens 732 – 877°C. Melts 1121-1182°C.

Fiberglass Knitted Rope, Industrial Grade: *Dense Rope* 1200°F / 648°C: Very High Temperature & Heat Resistant



This knitted rope is fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

Commonly used for making gaskets on a variety of industrial and commercial boilers, ovens, furnaces. Used as a high temperature packing for shaft seals. Also used for residential wood and pellet stoves.

Other applications include a general purpose rope for industrial use, to suspend or hang objects or tie-off in high temperature environments in steel mills, aluminum and metals processing plants, etc.

A Heat Treated version of this product is available – please enquire

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Fiberglass Knitted Rope Industrial Grade: <i>Dense Rope</i>		
Part Number	OD Size inch / mm	Feet / Metres per Spool
R-FG-KD-I-0.125-M003	0.125 / 3	1,500 / 457
R-FG-KD-I-0.187-M005	0.187 / 5	1,750 / 533
R-FG-KD-I-0.250-M006	0.250 / 6	1,100 / 335
R-FG-KD-I-0.375-M010	0.375 / 10	600 / 182
R-FG-KD-I-0.500-M013	0.500 / 13	400 / 121
R-FG-KD-I-0.625-M016	0.625 / 16	260 / 79
R-FG-KD-I-0.750-M019	0.750 / 19	160 / 48
R-FG-KD-I-0.875-M022	0.875 / 22	120 / 36
R-FG-KD-I-1.000-M025	1.000 / 25	100 / 30
<i>R-FG-KD-I-1.250-M032 *</i>	1.250 / 32	70 / 21
<i>R-FG-KD-I-1.500-M038 *</i>	1.500 / 38	55 / 16
<i>R-FG-KD-I-2.000-M051 *</i>	2.000 / 51	50 / 15
<i>R-FG-KD-I-2.500-M064 *</i>	2.500 / 64	100 / 30
<i>R-FG-KD-I-3.000-M076 *</i>	3.000 / 76	100 / 30
<i>R-FG-KD-I-4.000-M102 *</i>	4.000 / 102	100 / 30

This product is not to be used for life safety applications

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

* These items are sold in full length spools only.

Additional Technical Specifications: Breaking Tenacity: 1.71 gf/TEX Std and Wet. Tensile Strength: 450,000-500,000 psi. Breaking Elongation: 4.81% Std and Wet. Elastic Recovery: 100% Average Stiffness: 2824.3 cn/TEX. Specific Gravity: 2.54 – 2.69. 75% tensile at 343°C. Softens 732 – 877°C. Melts 1121-1182°C.

Fiberglass Twisted Rope: Premium Grade 1200°F / 648°C: Very High Temperature & Heat Resistant



This high temperature and heat resistant knitted rope is fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

A Heat Treated version of this product is available – please enquire

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Fiberglass Twisted Rope Premium Grade		
Part Number	OD Size inch / mm	Feet / Metres per Spool
R-FG-T-0.125-M003	0.125 / 3 / -02	2,525 / 769
R-FG-T-0.250-M006	0.250 / 6 / -04	1,275 / 388
R-FG-T-0.375-M010	0.375 / 10 / -06	969 / 295
R-FG-T-0.500-M013	0.500 / 13 / -08	523 / 159
R-FG-T-0.625-M016	0.625 / 16 / -10	305 / 92
R-FG-T-0.750-M019	0.750 / 19 / -12	168 / 51
R-FG-T-0.875-M022	0.875 / 22 / -14	144 / 43
R-FG-T-1.000-M025	1.000 / 25 / -16	114 / 34
R-FG-T-1.250-M032 *	1.250 / 32 / -20	50 / 15
R-FG-T-1.500-M038 *	1.500 / 38 / -24	50 / 15
R-FG-T-2.000-M051 *	2.000 / 51 / -32	27 / 8

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

* These items are sold in full length spools only.

Additional Technical Specifications: Breaking Tenacity: 1.71 gf/TEX Std and Wet. Tensile Strength: 450,000-500,000 psi. Breaking Elongation: 4.81% Std and Wet. Elastic Recovery: 100% Average Stiffness: 2824.3 cn/TEX. Specific Gravity: 2.54 – 2.69. 75% tensile at 343°C. Softens 732 – 877°C. Melts 1121-1182°C.

Fiberglass Braided Square Rope: Premium Grade (Square Dry Packing Rope) 1200°F / 648°C: Very High Temperature & Heat Resistant



This square braided rope is fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

Braided square rope is often used as a square dry packing.

A Heat Treated version of this product is available – please enquire

Very High Temperature & Heat Resistant Fiberglass Braided Square Rope - Premium Grade			
Part Number	OD Size inch / mm	Feet / Metres per Spool	
		Standard Spool	Large Spool
R-FG-SQ-0.250-M006-X	0.250 / 6 / -04	375 / 114	650 / 198
R-FG-SQ-0.312-M008	0.312 / 8 / -05	315 / 96	N/A
R-FG-SQ-0.375-M010-X	0.375 / 10 / -06	285 / 86	370 / 112
R-FG-SQ-0.437-M011	0.437 / 11 / -07	212 / 64	N/A
R-FG-SQ-0.500-M013-X	0.500 / 13 / -08	162 / 49	220 / 67
R-FG-SQ-0.562-M014	0.562 / 14 / -09	127 / 38	N/A
R-FG-SQ-0.625-M016-X	0.625 / 16 / -10	105 / 32	160 / 48
R-FG-SQ-0.750-M019-X	0.750 / 19 / -12	75 / 22.8	110 / 33
R-FG-SQ-0.875-M022-X	0.875 / 22 / -14	55 / 16.7	88 / 26
R-FG-SQ-1.000-M025-X	1.000 / 25 / -16	45 / 13.7	70 / 21
R-FG-SQ-1.250-M032 *	1.250 / 32 / -20	26 / 7.9	N/A
R-FG-SQ-1.500-M038-X *	1.500 / 38 / -24	18 / 5.4	30 / 9
R-FG-SQ-2.000-M051-X *	2.000 / 51 / -32	11 / 3.3	85 / 25

For the "X" value: Use "L" for Large Spool and "S" for Standard Spool

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

* These items are sold in full length spools only.

Additional Technical Specifications: Breaking Tenacity: 1.71 gf/TEX Std and Wet. Tensile Strength: 450,000-500,000 psi. Breaking Elongation: 4.81% Std and Wet. Elastic Recovery: 100% Average Stiffness: 2824.3 cn/TEX. Specific Gravity: 2.54 – 2.69. 75% tensile at 343°C/649°F. Softens 732 – 877°C/1349°F-1610°F. Melts 1121-1182°C/2049°F-2159°F.

Kevlar Overbraided Fiberglass Rope

320°F / 160°C: Very High Temperature & Heat Resistant



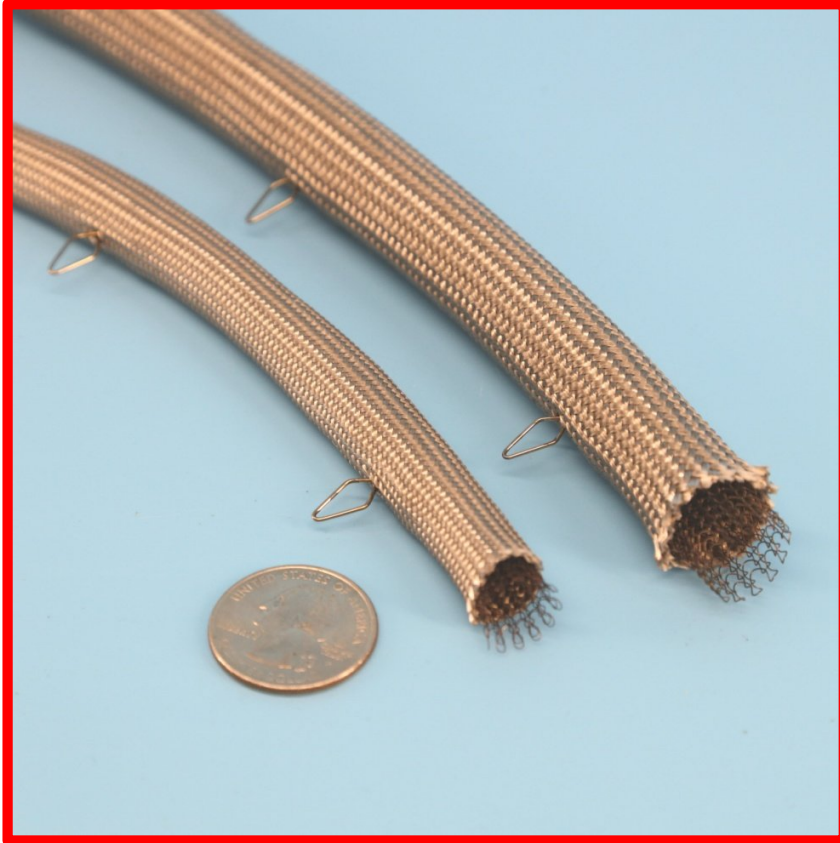
- This rope's core can be either soft or dense knitted fiberglass round rope.
- Overbraided with genuine Kevlar.
- Cut and wear resistant – results in a long lasting seal for high cycle access doors.
- Cost savings over a 100% Kevlar rope.

320°F / 160°C continuous rating, high insulation value & excellent personnel protection

Kevlar Overbraided Fiberglass Rope High Temperature & Heat Resistant		
Part Number	OD Size inch / mm / dash#	Feet / Metres per Spool
R-FG-KOVB-M006-04	0.250 / 6 / -04	1500 /
R-FG-KOVB-M010-06	0.375 / 10 / -06	700 /
R-FG-KOVB-M013-08	0.500 / 13 / -08	500 /
R-FG-KOVB-M016-10	0.625 / 16 / -10	300 /
R-FG-KOVB-M019-12	0.750 / 19 / -12	300 /
R-FG-KOVB-M022-14	0.875 / 22 / -14	200 /
R-FG-KOVB-M025-16	1.000 / 25 / -16	200 /
R-FG-KOVB-M032-20	1.250 / 32 / -20	125 /
R-FG-KOVB-M038-24	1.500 / 38 / -24	100 /
R-FG-KOVB-M044-28	1.750 / 44 / -28	90 /
R-FG-KOVB-M051-32	2.000 / 51 / -32	50 /

This product is available full carton only

Fiberglass High Compression Oven / BBQ / Smoker Door & Lid Gasket Rope - Hollow Metal Knit Core with Clip Mounting 1200°F / 648°C: Very High Temperature & Heat Resistant Fiberglass Gasket Rope



- The two sizes of this rope gasket are both constructed of a heat treated fiberglass braid sleeve with a 304 stainless steel knitted mesh hollow sleeve core, with a stainless steel mounting clip spaced every 3 inches.
- Provides excellent compression and pushback, with high cycle life.
- The braid is a high quality type E fiberglass filament yarn that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.
- This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.
- Heat treated to result in an extremely clean surface that sheds extremely few fibers and no organic odors. Suitable for most clean room, paint booth and food service applications.
- This gasket is commonly used on consumer self-cleaning ovens as a door seal. Popular with bbq and smokers door gasketing.



Fiberglass Compression Oven / BBQ / Smoker Door & Lid Gasket Rope with Hollow Metal Core with Clip Mounting (Continued)

1200°F / 648°C: Very High Temperature & Heat Resistant Fiberglass Gasket Rope



For applications such as commercial, industrial and scientific ovens and dryers, this gasket rope is easily installed by drilling a 1/8 inch hole into the door or frame on the equipment, and then inserting the self expanding clip into the hole. Maximum mounting material thickness is 1/16 inch. Spacing between clips is 3" (7.6cm). Clip length is .42" with no clip compression. Undesired clips can be partially removed by cutting the protruding portion of the clip with wire cutters.

The 0.57" OD rope has an ultimate compression to .110" without damage. Optimum compression range is from .15" to .40". The 0.42" OD rope has an ultimate compression to .110" without damage. Optimum compression range is from .15" to .23".

The hollow knit metal sleeve core of the 0.57" rope is 1/2 inch ID. Rope weighs 0.70 oz per foot / 65 g per meter. The hollow knit metal sleeve core of the 0.42" rope is 3/8 inch ID. Rope weighs 0.53 oz per foot / 49 g per meter.

Very High Temperature & Heat Resistant Heat Treated Fiberglass Braided Rope Gasket with Stainless Steel Knit Hollow Core Oven / BBQ / Smoker lid and door sealing		
Part Number	OD Size inch / mm	Feet / Metres per coil
R-FG-HMC-CLIP-0.570-M0144-025	0.57 / 14.4	25 / 7.6
R-FG-HMC-CLIP-0.570-M0144-050	0.57 / 14.4	50 / 15.2
R-FG-HMC-CLIP-0.570-M0144-250	0.57 / 14.4	250 / 76.2
R-FG-HMC-CLIP-0.570-M0144-FT	0.57 / 14.4	By The Foot
R-FG-HMC-CLIP-0.420-M0107-025	0.42 / 10.7	25 / 7.6
R-FG-HMC-CLIP-0.420-M0107-050	0.42 / 10.7	50 / 15.2
R-FG-HMC-CLIP-0.420-M0107-250	0.42 / 10.7	250 / 76.2
R-FG-HMC-CLIP-0.420-M0107-FT	0.42 / 10.7	By The Foot

This Product is Available By-The-Foot / Metre

Minimum Order is 6 feet. Cutting Room Fee is Waived

* See website for additional details and oven model numbers.

Fiberglass Knitted Rope with Stainless or Inconel Mesh Core - Industrial Grade

1200°F / 648°C: Very High Temperature & Heat Resistant



- This rope has a metal mesh core, providing a resilient push-back for applications such as kiln and lab oven doors.
- For clean room and paint booth applications, use part number F-FG-HT-MC instead.
- The stainless rope core is then covered with a knit high quality type E fiberglass texturized yarn that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.
- This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.
- This photo shows the 0.75" OD size rope - it has a 0.40" core.

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

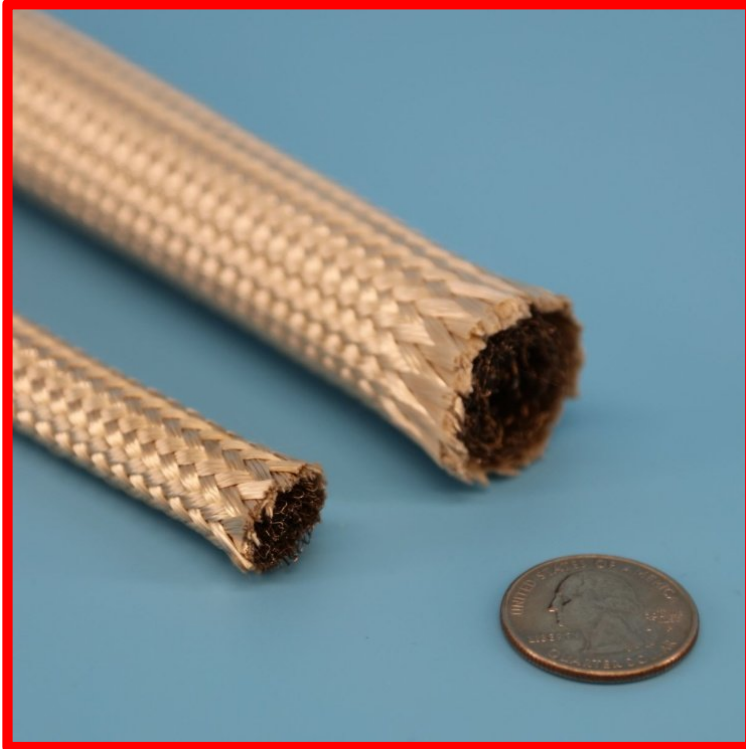
Very High Temperature & Heat Resistant Texturized Fiberglass Braided Rope with Stainless or Inconel Mesh Core		
Part Number	OD Size inch / mm / dash#	Feet / Metres per Spool
R-FG-K-MC-M013-08-X	0.500 / 13 / -08	100 / 30.4
R-FG-K-MC-M016-10-X	0.625 / 16 / -10	100 / 30.4
R-FG-K-MC-M019-12-X	0.750 / 19 / -12	100 / 30.4
R-FG-K-MC-M022-14-X	0.875 / 22 / -14	50 / 15.2
R-FG-K-MC-M025-16-X	1.000 / 25 / -16	50 / 15.2
R-FG-K-MC-M029-18-X	1.125 / 29 / -18	25 / 7.6

For the "X" value in the part number: Substitute "S" for 304 Stainless and "I" for Inconel.

This product is normally available in full spools only - may be available by-the-foot/metre

Heat Treated Fiberglass Braided Rope with Stainless Mesh Core – Premium Grade - Clean Room & Paint Shop Door Gasket Suitable 1200°F / 648°C: Very High Temperature & Heat Resistant

Extremely clean heat treated braid for clean-room & paint shop gasket applications



- This rope has a stainless steel or inconel mesh core, providing a resilient push-back for applications such as kiln and lab oven doors, paint shop drying ovens.
- The core is then overbraided with a high quality type E fiberglass filament yarn that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.
- This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.
- The heat treated filament yarn provides an extremely smooth and clean surface to the rope shell, and is excellent for use in clean room and paint shop ovens where loose fibers are not tolerated.

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Filament Fiberglass Braided Rope with Stainless or Inconel Mesh Core – Premium Grade Clean Room and Paint Booth Oven Applications		
Part Number	OD Size inch / mm / dash#	Feet / per Spool
R-FG-HT-MC-M013-08-X	0.500 / 13 / -08	100
R-FG-HT-MC-M016-10-X	0.625 / 16 / -10	100
R-FG-HT-MC-M019-12-X	0.750 / 19 / -12	100
R-FG-HT-MC-M022-14-X	0.875 / 22 / -14	100
R-FG-HT-MC-M025-16-X	1.000 / 25 / -16	100
R-FG-HT-MC-M029-18-X	1.125 / 29 / -18	100

For the "X" value in the part number: Substitute "S" for 304 Stainless and "I" for Inconel.

This product is normally available in full spools only - by-the-foot/metre lengths may be available

Fiberglass Gasket & Seal Ropes with Stainless Steel Wire Jacket for Kiln & Oven Doors - Custom Sized 1200°F / 648°C: Very High Temperature & Heat Resistant



- Stainless Knit Overbraid provides superior abrasion resistance
- Single or Double Rope - with rope or wire mesh cores.
- Designed for high-cycle kiln doors.
- Helps prevent cold spots in the kiln.
- Improves efficiency and controls heat loss by providing a superior seal.
- Part Number R-FG-SWJ-MXXX-XX-Y.
(XXX-XX is the size, Y is the style)

Fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable. The base fiber is manufactured to the specifications of ASTM D-578, ASTM committee D13, and subcommittee D13.18.

The seals are then jacketed with a knitted 304 stainless steel wire mesh, providing significant abrasion resistance. These gaskets are also available with a 304 Stainless Mesh Core

Supplied cut to length, each seal can be custom fabricated from a wide variety of diameters and configurations to provide the precise thickness and depth of seal for each U channel design specification. Pre-engineering each seal insures a simple, labor saving solution to the problem of containing heat. This efficient design reduces fuel consumption and eliminates cold spots in brick/tile kilns which can cause some of the brick or tile to be under-fired.

Pricing is on application.

**Fiberglass Kiln & Oven Door Gasket Seal Rope with Twin
 Stainless Steel Wire Rope Cores and Stainless Steel Wire Jacket
 1200°F / 648°C: Very High Temperature & Heat Resistant**



- 1.5" x 2.0" overall oval dimension.
- Two 7/8" 304 Stainless mesh cores. Fiberglass overbraid on each core.
- Fiberglass overbraid of both cores.
- Stainless steel jacket overbraid.
- Available in maximum 100 foot length.
- Stainless Knit Overbraid jacket provides superior abrasion resistance
- Designed for high-cycle kiln, oven and other high temperature access doors.
- Helps prevent cold spots in the kiln.
- Improves efficiency and controls heat loss by providing a superior seal.
- The overbraid is fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.

Weight of seal is 0.866 lb/ft.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable. The base fiber is manufactured to the specifications of ASTM D-578, ASTM committee D13, and subcommittee D13.18.

The seals are then jacketed with a knitted 304 stainless steel wire mesh, providing significant abrasion resistance.

Other configurations and sizes are available. This efficient design reduces fuel consumption and eliminates cold spots in brick/tile kilns which can cause some of the brick or tile to be under-fired.

Very High Temperature & Heat Resistant	
1.5" x 2.0" Oven, Kiln and Furnance access door seal	
304SS Mesh Core - Heat Treated DeltaGlass Over-braid - 304SS Outer Mesh Jacket	
Part Number	Length
R-FG-MC-SWJ-FE15500-1.5X2.0-100	100 feet / 30 metres
R-FG-MC-SWJ-FE15500-1.5X2.0-50	50 feet / 15 metres
R-FG-MC-SWJ-FE15500-1.5X2.0-25	25 feet / 7.5 metres
R-FG-MC-SWJ-FE15500-1.5X2.0-1	By-the-foot / metre

Stainless Core with Fiberglass Overbraid & Stainless Outer Overbraid - Turbine Engine Exhaust Gas Tunnel/Collector Gasket Seal
1200°F / 648°C: Very High Temperature & Heat Resistant



- Designed for gas turbine engine exhaust sealing.
- 304 Stainless Mesh Core.
- Heat Treated E-Glass core cover.
- 304 Stainless Mesh Overbraid Outer Cover.
- Improves efficiency and controls heat loss by providing a superior seal.
- P/N 4900159-23, P/N 4900159-38 and P/N 4900159-48 supplied cut to length.
- P/N F-E15600-00-00 available by-the-foot.
- Custom rope seals for GE H, GE F Class, GE B&E Class, GE Frame 5, GE LM Class, GE GT11/GT24 (Legacy Alstrom), Siemens 800, Siemens H, Siemens V Class, Siemens Aero (Legacy Rolls Royce), Siemens 501 F&G, Siemens/Westinghouse 501 A-D, Mitsubishi J Unites, Mitsubishi 501 F&G, PW Power Systems FT4, PW Power Systems FT8.

Very High Temperature & Heat Resistant Turbine Exhaust Gas Tunnel Gasket Sealing Rope - 1 1/8" / 29mm OD 304SS Mesh Core - Heat Treated DeltaGlass Over-braid - 304SS Outer Mesh Jacket	
Part Number	Length
R-TS-4900159-23	23 feet / 7.01 metres
R-TS-4900159-38	38 feet / 11.58 metres
R-TS-4900159-48	48 feet / 14.63 metres
R-TS-FE15600-XX	By-the-foot / metre
R-TS-FE15600-BULK	200 feet / 60.96 metres

NOTE: Some of our resellers are incorrectly stating the 4900159 and FE15600 products are made with Inconel steel as standard - these part numbers are only available with 304SS as standard as the original OEM spec calls for 304SS. Inconel is available by special order only and the part number will be different. The Stainless version is completely suitable for gas turbine use.

The stainless core cover is fabricated from high quality heat treated type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.

The E-glass material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable. The base fiber is manufactured to the specifications of ASTM D-578, ASTM committee D13, and subcommittee D13.18.

**Knitted Fiberglass Rope with Graphite Coating / Impregnation:
 Round Soft Rope
 1200°F / 648°C: Very High Temperature**



- Graphite Coating / Impregnation

Graphite adds lubrication to result in a very slippery rope but does not add electrical conductivity.

Resists molten splash and splatter very well as it cannot stick to the graphite.

Service temperatures up to 1200°F / 648°C.

Used as a compression packing for pump and valve shafts.

Graphite coating / impregnation process results in an approximate 1/4 depth penetration into the fiberglass.

Very High Temperature Knitted Fiberglass Round Rope with Graphite Coating / Impregnation: <i>Soft Rope</i>		
Part Number	OD Size inch / mm	Feet per Spool
R-FG GR-KS-01	0.062 / 1.6	2,500
R-FG GR-KS-02	0.125 / 3	1,500
R-FG GR-KS-03	0.187 / 5	2,100
R-FG GR-KS-04	0.250 / 6	1,300
R-FG GR-KS-06	0.375 / 10	750
R-FG GR-KS-08	0.500 / 13	500
R-FG GR-KS-10	0.625 / 16	300
R-FG GR-KS-12	0.750 / 19	200
R-FG GR-KS-14	0.875 / 22	150
R-FG GR-KS-16	1.000 / 25	125
<i>R-FG-GR-KS-20 *</i>	1.250 / 32	85
<i>R-FG-GR-KS-24 *</i>	1.500 / 38	55

* These items are sold in full length spools only.

This Product is Available By The Foot

Knitted Fiberglass Rope with Graphite Impregnation: *Round Dense Rope* 1200°F / 648°C: Very High Temperature



- Graphite Coating / Impregnation

Graphite adds lubrication to result in a very slippery rope but not electrical conductivity.

Resists molten splash and splatter very well as it cannot stick to the graphite.

Service temperatures up to 1200°F / 648°C.

Used as a compression packing for pump and valve shafts.

Graphite coating / impregnation process results in an approximate 1/4 depth penetration into the fiberglass.

Very High Temperature Knitted Fiberglass Round Rope with Graphite Coating / Impregnation: <i>Dense Rope</i>		
Part Number	OD Size inch / mm	Feet per Spool
R-FG-GR-KD-02	0.125 / 3	1,500
R-FG-GR-KD-03	0.187 / 5	1,750
R-FG-GR-KD-04	0.250 / 6	1,100
R-FG-GR-KD-06	0.375 / 10	600
R-FG-GR-KD-08	0.500 / 13	400
R-FG-GR-KD-10	0.625 / 16	260
R-FG-GR-KD-12	0.750 / 19	160
R-FG-GR-KD-14	0.875 / 22	120
R-FG-GR-KD-16	1.000 / 25	100
<i>R-FG-GR-KD-20 *</i>	1.250 / 32	70
<i>R-FG-GR-KD-24 *</i>	1.500 / 38	55
<i>R-FG-GR-KD-32 *</i>	2.000 / 51	50
<i>R-FG-GR-KD-40 *</i>	2.500 / 64	100
<i>R-FG-GR-KD-48 *</i>	3.000 / 76	100
<i>R-FG-GR-KD-64 *</i>	4.000 / 102	100

* These items are sold in full length spools only.

This Product is Available By The Foot

Square Braided Fiberglass Square Braid Rope with Graphite Coating / Impregnation

1200°F / 648°C: Very High Temperature



- Graphite Coating / Impregnation
- Graphite adds lubrication to result in a very slippery rope but not electrical conductivity.
- Resists molten splash and splatter very well as it cannot stick to the graphite.
- Service temperatures up to 1200°F / 648°C.
- Used as a compression packing for pump and valve shafts.
- Graphite coating / impregnation process results in an approximate 1/4 depth penetration into the fiberglass.

Very High Temperature Square Braided Fiberglass Rope with Graphite Coating / Impregnation			
Part Number	OD Size inch / mm	Feet per Spool	Feet per Pound
R-FG-GR-SQ-04	0.250 / 6	375	15
R-FG-GR-SQ-05	0.312 / 8	315	12.6
R-FG-GR-SQ-06	0.375 / 10	285	11.4
R-FG-GR-SQ-07	0.437 / 11	212	8.5
R-FG-GR-SQ-08	0.500 / 13	162	6.5
R-FG-GR-SQ-09	0.562 / 14	127	5.1
R-FG-GR-SQ-10	0.625 / 16	105	4.2
R-FG-GR-SQ-12	0.750 / 19	75	3
R-FG-GR-SQ-14	0.875 / 22	55	2.2
R-FG-GR-SQ-16	1.000 / 25	45	1.8
R-FG-GR-SQ-20*	1.250 / 32	26	1.05
R-FG-GR-SQ-24*	1.500 / 38	18	.75
R-FG-GR-SQ-32*	2.000 / 51	11	.45

THIS PRODUCT IS SOLD IN ONE POUND INCREMENTS

Pure Graphite Rope / Packing - Square Braided
900°F / 482°C: GraphPack™ Very High Temperature & Chemical
Resistant
Available Plain / with Inconel Wire Insert / with Carbon re-enforced corners



- 100% Graphite yarns
- Heat Resistant / Chemical Resistant
- Conformable and Resilient
- Thermally Conductive
- Self Lubricating
- pH range: 0 to 14
- 3000 psi standard rope; 4000 psi wire reinforced
- Up to 4000 FPM shaft speed
- Carbon fiber corner yarns available for greater wear resistance

Used as a compression packing for pump and valve shafts and as a stuffing box packing.

Made from flexible graphite yarn composed of exfoliated high purity crystalline mineral graphite (flake graphite).

Useable to 900°F / 482°C in normal air atmosphere; 1800°F / 982°C in steam or mild oxidization atmospheres/media and 5400°F / 2982°C in non-oxidizing atmospheres/media

(continued next page)

Pure Graphite Rope / Packing - Square Braided (Continued)
900°F / 482°C: GraphPack™ Very High Temperature & Chemical Resistant
Available Plain / with Inconel Wire Insert / with Carbon re-enforced corners



Very High Temperature Square Braided Pure Graphite Rope
Plain / Wire Re-enforced / Carbon Corners

Part Number	OD Size inch / mm	Feet per Spool Plain / Wire / Carbon	Feet per Pound Plain / Wire / Carbon
R-GR-SQ-02-X	0.125 / 3.2	254 / 228 / N/A	127 / 114 / N/A
R-GR-SQ-03-X	0.187 / 4.7	114 / 102 / N/A	57 / 51 / N/A
R-GR-SQ-04-X	0.250 / 6	160 / 145 / N/A	32 / 29 / N/A
R-GR-SQ-05-X	0.312 / 8	102 / 93 / 110	20 / 18 / 22
R-GR-SQ-06-X	0.375 / 10	66 / 66 / 80	13 / 13 / 16
R-GR-SQ-07-X	0.437 / 11	54 / 49 / 60	10 / 9 / 12
R-GR-SQ-08-X	0.500 / 13	41 / 37 / 47	8 / 7 / 9
R-GR-SQ-09-X	0.562 / 14	65 / 59 / N/A	6.5 / 5.9 / N/A
R-GR-SQ-10-X	0.625 / 16	53 / 48 / 63	5.3 / 4.8 / 6.3
R-GR-SQ-12-X	0.750 / 19	36 / 33 / 44	3.6 / 3.3 / 4.4
R-GR-SQ-14-X	0.875 / 22	26 / 24 / 33	2.6 / 2.4 / 3.3
R-GR-SQ-16-X	1.000 / 25	20 / 18 / 26	2 / 1.8 / 2.6

For the "X" Value in the part number: Substitute "P" for Plain, "W" for Wire, "C" for Carbon

Available Full Spool and 1 Pound Increments

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
R-FG-VC-T-M032-20*	1.250 / 32 / -20	77
R-FG-VC-T-M038-24*	1.500 / 38 / -24	50
R-FG-VC-T-M051-32*	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		

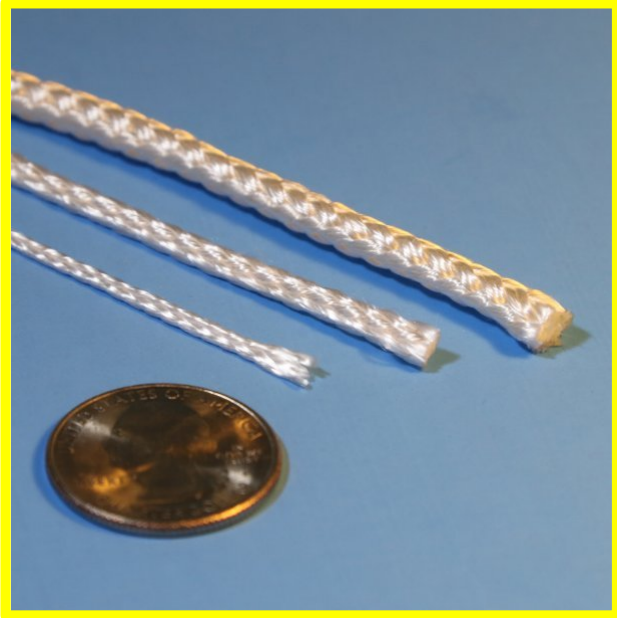
*These sizes are sold in full length spools only.

Silica Knitted Cord / Rope - Small Size

High Temperature, Heat, Direct Flame, Molten Metal & Weld Splatter Resistant

- Used as a welding hose and cable suspension/tie-off cord in ship building and other hot work locations due to its non-combustive properties.

1800°F / 982°C: InSilMax™



- An alternative to asbestos and ceramic based products.
- Highly flexible and minimal shrinkage.
- Good abrasion resistance and tensile strength.
- Melts above 3000°F / 1648°C.
- Produced from an extremely pure base fiber (SiO₂) and can survive harsh environments.
- Provides excellent burn-through protection from molten metal, direct flame and weld splatter.

InSilMax™ Extreme Temperature Heat & Direct Flame Resistant Knitted Silica Cord/Rope						
Part Number	Size			Max Spool Length		Breaking Strength * N / kg / lbs
	inch	mm	-dash	feet	metres	
R-S-KDC-M0015-01	.060	1.5	-01	650	200	70 / 7.1 / 15.7
R-S-KDC-M003-02	.120	3	-02	650	200	90 / 9.2 / 20.2
R-S-KDC-M006-04	.250	6	-04	650	200	110 / 11.2 / 24.7

\$50.00 Minimum Order

This Product is Available By-The-Foot/Metre

* Breaking strength is only valid for new product at 72°F / 22°C. Strength decreases with increased temperature and with use.

Silica Knitted Rope: Dense; High Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant

1800°F / 982°C: InSilMax™ / 2000°F / 1093°C: InSilMax™ XT



- An alternative to asbestos and ceramic based products.
- Highly flexible and minimal shrinkage.
- High abrasion resistance and tensile strength.
- Melts above 3000°F / 1648°C.
- Produced from an extremely pure base fiber (SiO₂) and can survive harsh environments.
- Silica based materials provide burn-through protection from molten metal and weld splatter.

InSilMax™ & InSilMax™ XT Extreme Temperature Heat Flame Resistant Knitted Silica Rope					
Part Number	Size			Length per Spool	
	inch	mm	-dash	feet	metres
R-S-KD-M006-04-X	.250	6	-04	1138	346
R-S-KD-M010-06-X	.375	10	-06	625	190
R-S-KD-M013-08-X	.500	13	-08	375	114
R-S-KD-M016-10-X	.625	16	-10	250	76
R-S-KD-M019-12-X	.750	19	-12	205	62
R-S-KD-M022-14-X	.875	22	-14	138	42
R-S-KD-M025-16-X	1.000	25	-16	113	34
R-S-KD-M032-20-X*	1.250	32	-20	75	22
R-S-KD-M038-24-X*	1.500	38	-24	50	15

For the "X" value in the part number specify:

"IM" for 1800°F / 982°C InSilMax™

"XT" for 2000°F / 1093°C InSilMax™ XT

* These items are sold in full length spools only.
Quantity per spool can be +/- 10%.

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

Silica Twisted Rope: High Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant

1800°F / 982°C: InSilMax™ / 2000°F / 1093°C: InSilMax™ XT
Extreme



- An alternative to asbestos and ceramic based textiles.
- Highly flexible and minimal shrinkage.
- High abrasion resistance and tensile strength.
- Melts above 3000°F / 1648°C.
- Produced from an extremely pure base fiber (SiO₂) and can be used at 2000°F / 1093°C continuously with excursions to 3000°F / 1650°C.
- Silica based materials provide burn-through protection from molten metal and weld splatter.

InSilMax™ & InSilMax™ XT Extreme Temperature Heat Flame Resistant Twisted Silica Rope				
Part Number	Size			Length per Spool feet / metres
	inch	mm	-dash	
R-S-T-M006-04-X*	.250	6	-04	100 / 30
R-S-T-M010-06-X*	.375	10	-06	100 / 30
R-S-T-M013-08-X*	.500	13	-08	100 / 30
R-S-T-M019-12-X*	.750	19	-12	100 / 30
R-S-T-M025-16-X*	1.000	25	-16	75 / 22

For the "X" value in the part number specify:

"IM" for 1800°F / 982°C InSilMax™

"XT" for 2000°F / 1093°C InSilMax™ XT

* These items are sold in full length spools only.
Quantity per spool can be +/- 10%.

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

Square Braided Silica Rope: High Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant

1800°F / 982°C: InSilMax™ / 2000°F / 1093°C: InSilMax™ XT



- An alternative to asbestos and ceramic based textiles.
- Highly flexible and minimal shrinkage.
- High abrasion resistance and tensile strength.
- Melts above 3000°F / 1648°C.
- Produced from an extremely pure base fiber (SiO₂) and can be used at 2000°F / 1093°C continuously with excursions to 3000°F / 1650°C.
- Silica based materials provide burn-through protection from molten metal and weld splatter.
- Used as a square dry packing.

InSilMax™ & InSilMax™ XT Extreme High Temperature Heat Flame Resistant Square Braided Rope (Square Dry Packing Rope)				
Part Number	Size inch / mm / -dash			Length per Spool feet / metres
R-S-SQ-M006-04-X	.250	6	-04	825 / 251
R-S-SQ-M010-06-X	.375	10	-06	415 / 126
R-S-SQ-M013-08-X	.500	13	-08	250 / 76
R-S-SQ-M016-10-X	.625	16	-10	135 / 41
R-S-SQ-M019-12-X	.750	19	-12	105 / 32
R-S-SQ-M022-14-X	.875	22	-14	75 / 22.8
R-S-SQ-M025-16-X	1.000	25	-16	65 / 19.8
R-S-SQ-M032-20-X*	1.250	32	-20	42 / 12.8
R-S-SQ-M038-24-X*	1.500	38	-24	32 / 9.7
R-S-SQ-M051-32-X*	2.000	51	-32	19 / 5.7

-15% for Full Spool Purchase

For the "X" value in the part number specify:

"IM" for 1800°F / 982°C InSilMax™

"XT" for 2000°F / 1093°C InSilMax™ XT

*These items are sold in full length spools only. Quantity per spool can be +/- 10%.

Ceramic Fiber Rope: Premium & Industrial Grade

2300°F / 1260°C: CerMax™ Extreme High Temperature, Heat & Flame Resistant



- A replacement and an alternative to asbestos. Highly flexible and minimal shrinkage.
- Melts above 3000°F / 1648°C.
- Produced from an extremely pure base fiber and can be used at 2300°F / 1260°C continuously with excursions to 3000°F / 1650°C.

CerMax™ Extreme High Temperature +Plus, Heat & Flame Resistant Ceramic Fiber Braided Rope: Premium & Industrial Grade					
Part Number	Size			Spool length	
	inch	mm	-dash	feet	metres
R-C-B-X-M006-04-Y	.250	6	-04	700	213
R-C-B-X-M010-06-Y	.375	10	-06	370	112
R-C-B-X-M013-08-Y	.500	13	-08	525	160
R-C-B-X-M016-10-Y	.625	16	-10	350	106
R-C-B-X-M019-12-Y	.750	19	-12	250	76
R-C-B-X-M022-14-Y	.875	22	-14	180	54
R-C-B-X-M025-16-Y	1.000	25	-16	125	38
R-C-B-X-M029-20-Y	1.250	32	-20	100	30
R-C-B-X-M032-24-Y	1.500	38	-24	75	22
R-C-B-X-M051-32-Y	2.000	51	-32	48	14

For the "X" value in the part number: use "P" to specify Premium grade
use "I" to specify Industrial grade

For the "Y" value in the part number: use "SP" to specify full spool
use "FT" to specify By-The-Foot

Minimum Order for this product is \$50.00 for By-The-Foot Lengths

Ceramic Twisted Fiber Rope: Premium & Industrial Grade 2300°F / 1260°C: CerMax™ Extreme High Temperature, Heat & Flame Resistant



- A replacement and an alternative to asbestos. Highly flexible and minimal shrinkage.
- Melts above 3000°F / 1648°C.
- Produced from an extremely pure base fiber and can be used at 2300°F / 1260°C continuously with excursions to 3000°F / 1650°C.

CerMax™ Extreme High Temperature +Plus, Heat & Flame Resistant Ceramic Fiber Twisted Rope: Premium & Industrial Grade					
Part Number	Size			Spool length	
	inch	mm	-dash	feet	metres
R-C-T-X-M006-04-Y	.250	6	-04	900	274
R-C-T-X-M010-06-Y	.375	10	-06	510	155
R-C-T-X-M013-08-Y	.500	13	-08	750	228
R-C-T-X-M016-10-Y	.625	16	-10	500	152
R-C-T-X-M019-12-Y	.750	19	-12	375	114
R-C-T-X-M022-14-Y	.875	22	-14	275	83
R-C-T-X-M025-16-Y	1.000	25	-16	225	68
R-C-T-X-M029-20-Y	1.250	32	-20	155	47
R-C-T-X-M032-24-Y	1.500	38	-24	110	33
R-C-T-X-M051-32-Y	2.000	51	-32	55	16

For the "X" value in the part number: use "P" to specify Premium grade
use "I" to specify Industrial grade

For the "Y" value in the part number: use "SP" to specify full spool
use "FT" to specify By-The-Foot

Minimum Order for this product is \$50.00 for By-The-Foot Lengths

Ceramic Fiber Square Braided Rope - Dry Packing
Premium & Industrial Grade
2300°F / 1260°C: CerMax™ Extreme High Temperature, Heat & Flame Resistant



- A replacement and an alternative to asbestos. Highly flexible and minimal shrinkage.
- Melts above 3000°F / 1648°C.
- Produced from an extremely pure base fiber and can be used at 2300°F / 1260°C continuously with excursions to 3000°F / 1650°C.
- A rope with inconel wire insert is also available.

CerMax™ Extreme High Temperature, Heat & Flame Resistant Ceramic Fiber Square Braided Rope: Premium & Industrial Grade					
Part Number	Size			Spool length	
	inch	mm	-dash	feet	metres
R-C-SQ-X-M006-04-Y	.250	6	-04	450	137
R-C-SQ-X-M010-06-Y	.375	10	-06	240	73
R-C-SQ-X-M013-08-Y	.500	13	-08	350	106
R-C-SQ-X-M016-10-Y	.625	16	-10	250	76
R-C-SQ-X-M019-12-Y	.750	19	-12	165	50
R-C-SQ-X-M022-14-Y	.875	22	-14	125	38
R-C-SQ-X-M025-16-Y	1.000	25	-16	100	30
R-C-SQ-X-M029-20-Y	1.250	32	-20	70	21
R-C-SQ-X-M032-24-Y	1.500	38	-24	50	15
R-C-SQ-X-M051-32-Y	2.000	51	-32	33	10

For the "X" value in the part number: use "P" for Premium grade; use "I" to for Industrial grade

For the "Y" value in the part number: use "SP" for full spool; use "FT" to specify By-The-Foot

Minimum Order for this product is \$50.00 for By-The-Foot Lengths

Ceramic Fiber Square Braided Rope - Dry Packing - with Wire Insert
Premium & Industrial Grade
2300°F / 1260°C: CerMax™ Extreme High Temperature, Heat & Flame Resistant



- A replacement and an alternative to asbestos. Highly flexible and minimal shrinkage.
- Melts above 3000°F / 1648°C.
- Produced from an extremely pure base fiber and can be used at 2300°F / 1260°C continuously with excursions to 3000°F / 1650°C.
- Inconel wire insert for added dimensional stability and tensile strength enhancement.

CerMax™ Extreme High Temperature, Heat & Flame Resistant Ceramic Fiber Square Braided Rope: Wire Inserted - Premium & Industrial Grade					
Part Number	Size			Spool length	
	inch	mm	-dash	feet	metres
R-C-SQ-WI-X-M006-04	.375	10	-06	500	152
R-C-SQ-WI-X-M013-08	.500	13	-08	300	91
R-C-SQ-WI-X-M016-10	.625	16	-10	215	65
R-C-SQ-WI-X-M019-12	.750	19	-12	150	45
R-C-SQ-WI-X-M022-14	.875	22	-14	110	33
R-C-SQ-WI-X-M025-16	1.000	25	-16	88	26
R-C-SQ-WI-X-M029-20	1.250	32	-20	60	18
R-C-SQ-WI-X-M032-24	1.500	38	-24	43	13
R-C-SQ-WI-X-M051-32	2.000	51	-32	27	8

For the "X" value in the part number: use "P" to specify Premium grade
 use "I" to specify Industrial grade

CerMax Rope Technical Data

CerMax is alumino-silicate based refractory fiber. White and odorless. Available with a fiberglass reinforcement. Some organic binder is present, and will smoke-off at elevated temperatures. Once the organics have smoked-off, the product will turn white again. If smoke free operation is required, then it should be heat treated before use.

Chemical & Physical Data: Total Al_2O_3 and SiO_2 > 97% (Al_2O_3 : 47%); Fe_2O_3 <1.1%. Weight Loss (1800°F) 8-10%; Refractory Fiber content >85%. Fiber diameter: 2 - 4 microns; Fiber length: 100 - 250 mm. Fiber shrinkage (1800°F, 3 hr) <3.5%

Thermal Conductivity: 570°F: 0.84 BTU/ft² °F/in (0.12 W/m °K). 1100°F: 0.91 BTU/ft² °F/in (0.13 W/m °K). 1800°F: 1.19 BTU/ft² °F/in (0.17 W/m °K).

Stainless Steel 304 Mesh Rope - Inconel 600 Mesh Rope
Stainless Maximum Temperature 1200°F / 648°C: Inconel 600 Maximum
Temperature 2300°F / 1260°C

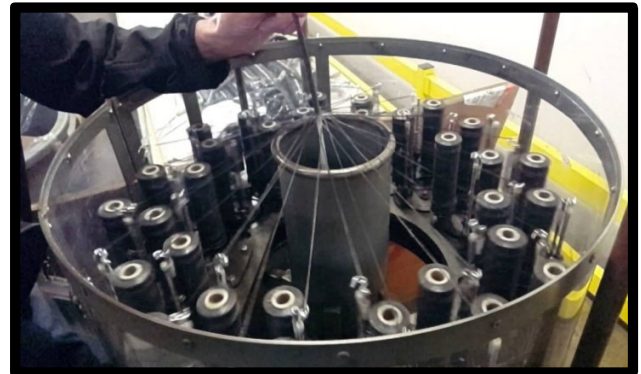
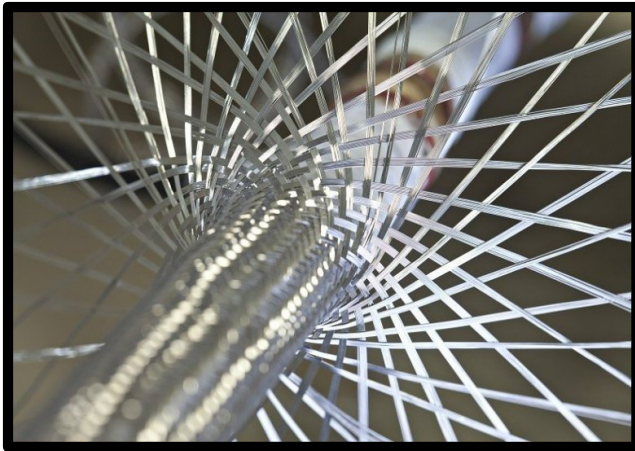


- Excellent Compressability and pushback
- Excellent EMI / RFI Gasket
- Used as a bulb core material in tadpole tapes
- Available by-the-foot

304 Stainless Steel Mesh Rope			
OD Size inch / mm		Part Number	Feet per Carton
1/4"	6	R-SS-0.250-M006-X	1000
5/16"	8	R-SS-0.312-M008-X	1000
3/8"	10	R-SS-0.375-M010-X	1500
1/2"	13	R-SS-0.500-M013-X	1000
5/8"	16	R-SS-0.625-M016-X	800
3/4"	19	R-SS-0.750-M019-X	600
7/8"	22	R-SS-0.875-M022-X	400
1"	25	R-SS-1.000-M025-X	300
1 1/4"	32	R-SS-1.250-M032-X	250
1 3/8"	35	R-SS-1.375-M035-X	150
Inconel 600 Mesh Rope			
1/4"	6	R-IN-0.250-M006-X	1000
3/8"	10	R-IN-0.375-M010-X	1500
1/2"	13	R-IN-0.500-M013-X	1000
5/8"	16	R-IN-0.625-M016-X	800
3/4"	19	R-IN-0.750-M019-X	600
7/8"	22	R-IN-0.875-M022-X	400
1"	25	R-IN-1.000-M025-X	300
1 1/4"	32	R-IN-1.250-M032-X	100
1 3/8"	35	R-IN-1.375-M035-X	100
1 7/8"	48	R-IN-1.875-M048-X	75

For the "X" value, use a number to represent length in feet, or "C" for full carton

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Please provide a description of your materials and sizing to allow us to provide an accurate quotation.

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