

**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**

<b>FlameShield™ High Temperature &amp; Heat Resistant 12-Strand Single Braided Kevlar® Rope - Premium</b>					
<b>Part Number</b>	<b>Nominal OD</b>	<b>Circumference in / mm</b>	<b>Average Tensile Lb / kg</b>	<b>Price per Spool / Wt (lbs)</b>	<b>Price per Foot</b>
R-K-M006-02-X	1/8" / 3.1 mm	3/8" / 9.7	1,500 / 682	\$ 682.16 / 4	\$ 2.27
R-K-M006-03-X	3/16" / 4.7 mm	9/16" / 14.7	3,600 / 1636	\$ 1030.60 / 7	\$ 3.43
R-K-M006-04-X	1/4" / 6.2 mm	3/4" / 19.5	6,600 / 3000	\$ 1442.01 / 12	\$ 4.81
R-K-M006-05-X	5/16" / 7.9 mm	1" / 24.8	9,500 / 4318	\$2132.88 / 18	\$ 7.11
R-K-M006-06-X	3/8" / 9.5 mm	1 1/8" / 29.8	12,000 / 5454	\$ 2863.00 / 24	\$ 9.54
R-K-M006-07-X	7/16" / 11.1 mm	1 1/4" / 34.8	15,000 / 6818	\$ 3391.40 / 30	\$ 11.30
R-K-M013-08-X	1/2" / 12.7 mm	1 1/2" / 39.8	22,000 / 10000	\$ 4931.76 / 47	\$ 16.44
R-K-M013-10-X	5/8" / 15.8 mm	2" / 49.6	36,000 / 16363	\$ 8669.68 / 84	\$ 28.90
R-K-M019-12-X	3/4" / 19.0 mm	9/16" / 59.6	49,000 / 22272	\$ 11559.76 / 116	\$ 38.53
R-K-M019-14-X	7/8" / 22.2 mm	2 3/4" / 69.7	60,000 / 27272	\$ 13811.32 / 142	\$ 46.04
R-K-M025-25-X	1" / 25.4 mm	3" / 79.7	78,000 / 35454	\$ 17409.00 / 184	\$ 58.03

**For the "X" value: "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 Cord / Rope - High Temperature & Heat Resistant 400°F / 204°C



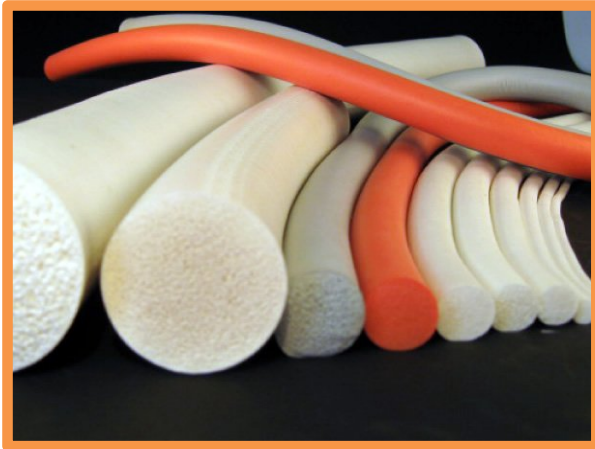
- Suitable for continuous operation from -80°F (-62°C) to 400°F (204°C).
- Depending on media and application useful life at temperatures up to 570°F (300°C) may be obtained.
- Stock in 60ShA hardness in red.

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

<b>FlameShield™ High Temperature, Heat &amp; Flame Resistant Silicone Rubber Cord / Rope</b> <b>Size: .070" to 0.562" (1.8mm to 14.3mm)</b>			
Part Number	Diameter in / mm	Spool Length ft / m	Price per Spool
R-SR-M0018	.070 / 1.8	100 / 30.48	\$ 92.90
R-SR-M0024	.093 / 2.4	100 / 30.48	\$ 96.73
R-SR-M0026	.103 / 2.6	100 / 30.48	\$ 104.21
R-SR-M0032	.125 / 3.2	100 / 30.48	\$ 111.27
R-SR-M0035	.139 / 3.5	100 / 30.48	\$ 118.90
R-SR-M0040	.156 / 4.0	100 / 30.48	\$ 122.73
R-SR-M0048	.188 / 4.8	100 / 30.48	\$ 144.88
R-SR-M0053	.210 / 5.3	100 / 30.48	\$ 152.22
R-SR-M0064	.250 / 6.4	100 / 30.48	\$ 163.26
R-SR-M0070	.275 / 7.0	100 / 30.48	\$ 189.26
R-SR-M0080	.313 / 8.0	100 / 30.48	\$ 204.26
R-SR-M0095	.375 / 9.5	100 / 30.48	\$ 267.26
R-SR-M0110	.437 / 11.0	100 / 30.48	\$ 359.66
R-SR-M0127	.500 / 12.7	100 / 30.48	\$ 391.65
R-SR-M0142	.562 / 14.3	100 / 30.48	\$ 417.31

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

<b>FlameShield™ High Temperature, Heat &amp; Flame Resistant                      Silicone Sponge Cord</b> <b>Size: .062" to 1.000" (1.8mm to 14.3mm)</b>				
Part Number	Diameter in / mm	Spool Length ft / m	Color	Price per Spool
R-SSC-M0016	.062 / 1.57	50 / 15.24	Blue	\$ 49.50
R-SSC-M0031	.125 / 3.17	50 / 15.24	Black	\$ 57.12
R-SSC-M0047	.187 / 4.74	50 / 15.24	Red	\$ 63.33
R-SSC-M0055	.218 / 5.53	50 / 15.24	Red	\$ 94.48
R-SSC-M0063	.250 / 6.35	50 / 15.24	Grey	\$ 97.37
R-SSC-M0079	.312 / 7.92	50 / 15.24	Blue	\$ 112.54
R-SSC-M0095	.375 / 9.52	50 / 15.24	Red	\$ 183.21
R-SSC-M0110	.437 / 11.09	50 / 15.24	Grey	\$ 216.87
R-SSC-M0127	.500 / 12.70	25 / 7.62	Orange	\$ 135.68
R-SSC-M0158	.625 / 15.87	25 / 7.62	Grey	\$ 180.53
R-SSC-M0190	.750 / 19.05	25 / 7.62	Red	\$ 258.93
R-SSC-M0222	.875 / 22.22	25 / 7.62	Grey	\$ 327.54
R-SSC-M0254	1.000 / 25.40	25 / 7.62	Blue	\$ 394.68

## Silicone Rubber Coated Fiberglass Rope

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.

Photo at left shows leftmost 2 rope sections fully coated. The 3<sup>rd</sup> from left rope section shows partial coating rope style.

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

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

Part Number	Nominal ID Inches / mm / Dash #			Partial Coat Coil Length ft	Price per coil Partial Coat	Price per 100 ft coil Full Coat	Price per Foot Full Coat	Price per Metre Full Coat
R-FG-SR-M006-04-X-Y	1/4	6	-4	2500	\$ 7325.00	\$ 217.00	\$ 3.97	\$ 13.03
R-FG-SR-M008-05-X-Y	5/16	8	-5	2000	\$ 6900.00	\$ 245.00	\$ 4.47	\$ 14.66
R-FG-SR-M010-06-X-Y	3/8	10	-6	1500	\$ 7155.00	\$ 337.00	\$ 6.17	\$ 20.24
R-FG-SR-M013-08-X-Y	1/2	13	-8	750	\$ 5077.50	\$ 447.00	\$ 8.94	\$ 29.33
R-FG-SR-M016-10-X-Y	5/8	16	-10	500	\$ 4200.00	\$ 550.00	\$ 11.00	\$ 36.09
R-FG-SR-M019-12-X-Y	3/4	19	-12	N/A		\$ 582.00	\$ 11.64	\$ 38.18
R-FG-SR-M022-14-X-Y	7/8	22	-14	N/A		\$ 711.00	\$ 14.22	\$ 46.64
R-FG-SR-M025-16-X-Y	1	25	-16	N/A		\$ 820.00	\$ 16.40	\$ 53.79
R-FG-SR-M032-20-X-Y	1 1/4	32	-20	N/A		\$ 1125.00	\$ 22.50	\$ 73.80

For the “X” value; Replace with “FC” for Full Coating, and “PC” for Partial Coating

For the “Y” value; Replace with “100” for full coil, and “ZZ” for by the foot,  
where ZZ = length in feet

**Standard coil length for full coating rope is 100 feet / 30 Metres.**

**Partial Coat rope only available in full coil length.**

High temperature rope, typically used as a gasket, providing a high-temperature seal that provides a higher degree of liquid or gas containment compared to a plain tape or rope gasket. The rope can be partially or completely coated (partially coated rope allows for gluing or other methods of fastening). This rope can also be fabricated into a closed ring and is ideal for many gasket and sealing applications on boilers and similar industrial appliances.

## Acrylic Fiber with PTFE Impregnation Square Braided Gasket 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

<b>High Temperature &amp; Chemical Resistance Acrylic Fiber with PTFE Impregnation Square Braid Rope</b>				
<b>Part Number</b>	<b>OD Size inch / mm</b>	<b>Feet per Spool</b>	<b>Feet per Pound</b>	<b>Price per Pound</b>
R-A-PT-SQ-M003-02	0.125 / 3	500	100	\$ 35.75
R-A-PT-SQ-M005-03	0.187 / 5	225	45	\$ 35.75
R-A-PT-SQ-M006-04	0.250 / 6	100	25	\$ 35.75
R-A-PT-SQ-M008-05	0.312 / 8	85	17	\$ 35.75
R-A-PT-SQ-M010-06	0.375 / 10	60	12	\$ 35.75
R-A-PT-SQ-M011-07	0.437 / 11	45	9	\$ 35.75
R-A-PT-SQ-M013-08	0.500 / 13	35	7	\$ 35.75
R-A-PT-SQ-M014-09	0.562 / 14	55	5.5	\$ 35.75
R-A-PT-SQ-M016-10	0.625 / 16	45	4.5	\$ 35.75
R-A-PT-SQ-M019-12	0.750 / 19	31	3.1	\$ 35.75
R-A-PT-SQ-M022-14	0.875 / 22	23	2.3	\$ 35.75

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

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



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

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.

PTFE melting point is 620°F / 327°C.

Used as a pump packing and stuffing box packing

<b>Pure PTFE Square Braid Rope</b>				
<b>High Temperature &amp; Chemical Resistance</b>				
<b>Part Number</b>	<b>OD Size inch / mm</b>	<b>Feet per Spool</b>	<b>Feet per Pound</b>	<b>Price per Pound</b>
R-PTFE-SQ-M003-02	0.125 / 3	415	83	\$ 58.44
R-PTFE-SQ-M005-03	0.187 / 5	180	36	\$ 58.44
R-PTFE-SQ-M006-04	0.250 / 6	102	20.4	\$ 58.44
R-PTFE-SQ-M008-05	0.312 / 8	68	13.6	\$ 58.44
R-PTFE-SQ-M010-06	0.375 / 10	46	9.3	\$ 58.44
R-PTFE-SQ-M011-07	0.437 / 11	34	6.9	\$ 58.44
R-PTFE-SQ-M013-08	0.500 / 13	26	5.3	\$ 58.44
R-PTFE-SQ-M014-09	0.562 / 14	42	4.2	\$ 58.44
R-PTFE-SQ-M016-10	0.625 / 16	35	3.5	\$ 58.44
R-PTFE-SQ-M019-12	0.750 / 19	23	2.36	\$ 58.44
R-PTFE-SQ-M022-14	0.875 / 22	17	1.76	\$ 58.44

**This Product is Available By-The-Foot**

**THIS PRODUCT IS SOLD IN ONE POUND INCREMENTS**

## Knitted Fiberglass Rope with PTFE Coating - High Temperature Heat & Chemical Resistance

### 550°F / 287°C: *Round Soft Rope*



- PTFE sintered 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 1000°F / 537°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	Price per foot / meter
R-FG-PT-KS-M002-01	0.062 / 1.6	2,500	\$ 1.20 / \$ 3.94
R-FG-PT-KS-M003-02	0.125 / 3	1,500	\$ 1.23 / \$ 4.04
R-FG-PT-KS-M005-03	0.187 / 5	2,100	\$ 1.25 / \$ 4.10
R-FG-PT-KS-M006-04	0.250 / 6	1,300	\$ 1.27 / \$ 4.17
R-FG-PT-KS-M010-06	0.375 / 10	750	\$ 1.36 / \$ 4.46
R-FG-PT-KS-M013-08	0.500 / 13	500	\$ 2.56 / \$ 8.40
R-FG-PT-KS-M016-10	0.625 / 16	300	\$ 2.98 / \$ 9.78
R-FG-PT-KS-M019-12	0.750 / 19	200	\$ 4.72 / \$ 15.49
R-FG-PT-KS-M022-14	0.875 / 22	150	\$ 5.28 / \$ 17.32
R-FG-PT-KS-M025-16	1.000 / 25	125	\$ 8.44 / \$ 27.69
R-FG-PT-KS-M032-20*	1.250 / 32	85	\$ 8.63 / \$ 28.31
R-FG-PT-KS-M038-24*	1.500 / 38	55	\$ 10.57 / \$ 34.68

**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 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 ptf 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

### 550°F / 287°C: High Temperature Heat & Chemical Resistance Knitted Round Dense Rope



- 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 1000°F / 537°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

<b>Very High Temperature Knitted Fiberglass Rope with PTFE Coating: Round Dense Rope</b>			
<b>Part Number</b>	<b>OD Size inch / mm</b>	<b>Feet per Spool</b>	<b>Price per foot</b>
R-FG-PT-KD-M003-02	0.125 / 3	1,500	\$ 0.84
R-FG-PT-KD-M005-03	0.187 / 5	1,750	\$ 0.96
R-FG-PT-KD-M006-04	0.250 / 6	1,100	\$ 1.08
R-FG-PT-KD-M010-06	0.375 / 10	600	\$ 1.52
R-FG-PT-KD-M013-08	0.500 / 13	400	\$ 2.88
R-FG-PT-KD-M016-10	0.625 / 16	260	\$ 3.32
R-FG-PT-KD-M019-12	0.750 / 19	160	\$ 5.24
R-FG-PT-KD-M022-14	0.875 / 22	120	\$ 5.92
R-FG-PT-KD-M025-16	1.000 / 25	100	\$ 9.36
<i>R-FG-PT-KD-M032-20*</i>	1.250 / 32	70	\$ 9.60
<i>R-FG-PT-KD-M038-24*</i>	1.500 / 38	55	\$ 11.70
<i>R-FG-PT-KD-M051-32*</i>	2.000 / 51	50	\$ 48.77
<i>R-FG-PT-KD-M064-40*</i>	2.500 / 64	100	\$ 66.76
<i>R-FG-PT-KD-M076-48*</i>	3.000 / 76	100	\$ 84.30
<i>R-FG-PT-KD-M102-64*</i>	4.000 / 102	100	\$ 175.37

**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 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 pte 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 1000°F / 537°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	Feet per Spool	Price per foot
R-FG-PT-T-M003-02	0.125 / 3	2,525	\$ 0.99
R-FG-PT-T-M006-04	0.250 / 6	1,275	\$ 1.36
R-FG-PT-T-M010-06	0.375 / 10	969	\$ 2.56
R-FG-PT-T-M013-08	0.500 / 13	523	\$ 3.24
R-FG-PT-T-M016-10	0.625 / 16	305	\$ 5.20
R-FG-PT-T-M019-12	0.750 / 19	168	\$ 9.52
R-FG-PT-T-M022-14	0.875 / 22	144	\$ 11.04
R-FG-PT-T-M025-16	1.000 / 25	114	\$ 13.92
R-FG-PT-T-M032-20*	1.250 / 32	77	\$ 18.43
R-FG-PT-T-M038-24*	1.500 / 38	50	\$ 36.67
R-FG-PT-T-M051-28*	2.000 / 51	27	\$ 78.60

**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 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 ptf 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 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 1000°F / 537°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	Feet per Spool	Price per foot
R-FG-PT-SQ-M006-04	0.250 / 6	375	\$ 5.60
R-FG-PT-SQ-M008-05	0.312 / 8	315	\$ 4.90
R-FG-PT-SQ-M010-06	0.375 / 10	285	\$ 5.07
R-FG-PT-SQ-M011-07	0.437 / 11	212	\$ 6.80
R-FG-PT-SQ-M013-08	0.500 / 13	162	\$ 8.90
R-FG-PT-SQ-M014-09	0.562 / 14	127	\$ 11.33
R-FG-PT-SQ-M016-10	0.625 / 16	105	\$ 13.70
R-FG-PT-SQ-M019-12	0.750 / 19	75	\$ 19.20
R-FG-PT-SQ-M022-14	0.875 / 22	55	\$ 26.17
R-FG-PT-SQ-M025-16	1.000 / 25	45	\$ 31.98
<i>R-FG-PT-SQ-M032-20*</i>	1.250 / 32	26	\$ 46.17
<i>R-FG-PT-SQ-M038-24*</i>	1.500 / 38	18	\$ 66.60
<i>R-FG-PT-SQ-M051-32*</i>	2.000 / 51	11	\$ 109.10

**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 dipping the rope through an immersion tank of liquid PTFE dispersion. The rope is then air dried as it leaves the dip tank. 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 with Graphite Coating**  
**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
- 4000 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	Feet per Spool	Feet per Pound	Price per Pound
R-PTGR-SQ-M003-02	0.125 / 3	520	104	\$ 59.88
R-PTGR-SQ-M005-03	0.187 / 5	230	46	\$ 59.88
R-PTGR-SQ-M006-04	0.250 / 6	135	27	\$ 59.88
R-PTGR-SQ-M008-05	0.312 / 8	85	17	\$ 59.88
R-PTGR-SQ-M010-06	0.375 / 10	60	12	\$ 59.88
R-PTGR-SQ-M011-07	0.437 / 11	45	9	\$ 59.88
R-PTGR-SQ-M013-08	0.500 / 13	34	6.8	\$ 59.88
R-PTGR-SQ-M014-09	0.562 / 14	54	5.4	\$ 59.88
R-PTGR-SQ-M016-10	0.625 / 16	44	4.4	\$ 59.88
R-PTGR-SQ-M019-12	0.750 / 19	32	3.2	\$ 59.88
R-PTGR-SQ-M022-14	0.875 / 22	23	2.3	\$ 59.88

**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

Very High Temperature & Heat Resistant Fiberglass Knitted Rope Premium Grade: <i>Soft Rope</i>			
Part Number	OD Size inch / mm / dash#	Feet / Metres per Carton	Price per Carton
R-FG-KS-P-M002-01	0.062 / 1.6 / 01	2,500 / 762	\$ 750.00
R-FG-KS-P-M003-02	0.125 / 3 / -02	1,500 / 457	\$ 345.00
R-FG-KS-P-M005-03	0.187 / 5 / -03	2,500 / 762	\$ 675.00
R-FG-KS-P-M006-04	0.250 / 6 / -04	2,000 / 609	\$ 600.00
R-FG-KS-P-M008-05	0.312 / 8 / -05	1,500 / 457	\$ 645.00
R-FG-KS-P-M010-06	0.375 / 10 / -06	1,000 / 304	\$ 530.00
R-FG-KS-P-M011-07	0.437 / 11 / -07	750 / 228	\$ 502.50
R-FG-KS-P-M013-08	0.500 / 13 / -08	500 / 152	\$ 415.00
R-FG-KS-P-M016-10	0.625 / 16 / -10	450 / 137	\$ 436.50
R-FG-KS-P-M019-12	0.750 / 19 / -12	500 / 152	\$ 650.00
R-FG-KS-P-M022-14	0.875 / 22 / -14	300 / 91	\$ 669.00
R-FG-KS-P-M025-16	1.000 / 25 / -16	250 / 76	\$ 657.50
R-FG-KS-P-M032-20	1.250 / 32 / -20	175 / 38	\$ 862.75
R-FG-KS-P-M038-24	1.500 / 38 / -24	150 / 45	\$ 865.50
R-FG-KS-P-M044-28	1.750 / 44 / -28	90 / 27	\$ 740.70

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, 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

Very High Temperature & Heat Resistant Fiberglass Knitted Rope Premium Grade: <i>Dense Rope</i>			
Part Number	OD Size inch / mm / dash#	Feet / Metres per Carton	Price per Carton
R-FG-KD-P-M003-02	0.125 / 3 / -02	1,500 / 457	\$ 450.00
R-FG-KD-P-M005-03	0.187 / 5 / -03	2,500 / 762	\$ 825.00
R-FG-KD-P-M006-04	0.250 / 6 / -04	1,500 / 457	\$ 600.00
R-FG-KD-P-M008-05	0.312 / 8 / -05	1,000 / 304	\$ 530.00
R-FG-KD-P-M010-06	0.375 / 10 / -06	700 / 213	\$ 511.00
R-FG-KD-P-M011-07	0.437 / 11 / -07	600 / 182	\$ 540.00
R-FG-KD-P-M013-08	0.500 / 13 / -08	450 / 137	\$ 585.00
R-FG-KD-P-M016-10	0.625 / 16 / -10	300 / 91	\$ 489.00
R-FG-KD-P-M019-12	0.750 / 19 / -12	350 / 106	\$ 665.00
R-FG-KD-P-M022-14	0.875 / 22 / -14	225 / 68	\$ 630.00
R-FG-KD-P-M025-16	1.000 / 25 / -16	200 / 60	\$ 686.00
R-FG-KD-P-M032-20	1.250 / 32 / -20	125 / 38	\$ 837.50
R-FG-KD-P-M038-24	1.500 / 38 / -24	100 / 30	\$ 903.00
R-FG-KD-P-M044-28	1.750 / 44 / -28	80 / 24	\$ 797.60

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

Meets US Coast Guard specification 164.009 for incombustible material.

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

<b>Very High Temperature &amp; Heat Resistant Fiberglass Knitted Rope Industrial Grade: <i>Soft Rope</i></b>			
<b>Part Number</b>	<b>OD Size inch / mm</b>	<b>Feet / Metres per Spool</b>	<b>Price per Foot / Metre</b>
<i>R-FG-KS-I-M002-01*</i>	0.062 / 1.6	2,500 / 762	\$ 0.36 / \$ 1.18
R-FG-KS-I-M003-02	0.125 / 3	1,500 / 457	\$ 0.28 / \$ 0.92
R-FG-KS-I-M005-03	0.187 / 5	2,100 / 640	\$ 0.29 / \$ 0.95
R-FG-KS-I-M006-04	0.250 / 6	1,300 / 396	\$ 0.32 / \$ 1.05
R-FG-KS-I-M010-06	0.375 / 10	750 / 228	\$ 0.56 / \$ 1.84
R-FG-KS-I-M013-08	0.500 / 13	500 / 152	\$ 1.04 / \$ 3.41
R-FG-KS-I-M016-10	0.625 / 16	300 / 91	\$ 1.12 / \$ 3.67
R-FG-KS-I-M019-12	0.750 / 19	200 / 60	\$ 1.64 / \$ 5.38
R-FG-KS-I-M022-14	0.875 / 22	150 / 45	\$ 2.40 / \$ 7.87
R-FG-KS-I-M025-16	1.000 / 25	125 / 38	\$ 3.32 / \$ 10.89
<i>R-FG-KS-I-M032-20*</i>	1.250 / 32	85 / 25	\$ 3.40 / \$ 11.15
<i>R-FG-KS-I-M038-24*</i>	1.500 / 38	55 / 16	\$ 4.20 / \$ 13.77

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

Meets US Coast Guard specification 164.009 for incombustible material.

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 / dash#	Feet / Metres per Spool	Price per Foot / Metre
R-FG-KD-I-M003-02	0.125 / 3 / -02	1,500 / 457	\$ 0.36 / \$ 1.18
R-FG-KD-I-M005-03	0.187 / 5 / -03	1,750 / 533	\$ 0.24 / \$ 0.79
R-FG-KD-I-M006-04	0.250 / 6 / -04	1,100 / 335	\$ 0.28 / \$ 0.92
R-FG-KD-I-M010-06	0.375 / 10 / -06	600 / 182	\$ 0.52 / \$ 1.71
R-FG-KD-I-M013-08	0.500 / 13 / -08	400 / 121	\$ 0.96 / \$ 3.15
R-FG-KD-I-M016-10	0.625 / 16 / -10	260 / 79	\$ 1.04 / \$ 3.41
R-FG-KD-I-M019-12	0.750 / 19 / -12	160 / 48	\$ 1.56 / \$ 5.12
R-FG-KD-I-M022-14	0.875 / 22 / -14	120 / 36	\$ 2.20 / \$ 7.22
R-FG-KD-I-M025-16	1.000 / 25 / -16	100 / 30	\$ 3.16 / \$ 10.36
<i>R-FG-KD-I-M032-20 *</i>	1.250 / 32 / -20	70 / 21	Full Spool \$ 261.10
<i>R-FG-KD-I-M038-24 *</i>	1.500 / 38 / -24	55 / 16	Full Spool \$ 311.85
<i>R-FG-KD-I-M051-32 *</i>	2.000 / 51 / -32	50 / 15	Full Spool \$ 685.00
<i>R-FG-KD-I-M064-40 *</i>	2.500 / 64 / -40	100 / 30	Full Spool \$ 1980.00
<i>R-FG-KD-I-M076-48 *</i>	3.000 / 76 / -48	100 / 30	Full Spool \$ 2960.00
<i>R-FG-KD-I-M102-64 *</i>	4.000 / 102 / -64	100 / 30	Full Spool \$ 4750.00

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.

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

Very High Temperature & Heat Resistant Fiberglass Twisted Rope Premium Grade			
Part Number	OD Size inch / mm	Feet / Metres per Spool	Price per Foot / Metre
R-FG-T-M003-02	0.125 / 3 / -02	2,525 / 769	\$ 0.24 / \$ 0.79
R-FG-T-M006-04	0.250 / 6 / -04	1,275 / 388	\$ 0.44 / \$ 1.44
R-FG-T-M010-06	0.375 / 10 / -06	969 / 295	\$ 0.52 / \$ 1.71
R-FG-T-M013-08	0.500 / 13 / -08	523 / 159	\$ 1.04 / \$ 3.41
R-FG-T-M016-10	0.625 / 16 / -10	305 / 92	\$ 1.40 / \$ 4.59
R-FG-T-M019-12	0.750 / 19 / -12	168 / 51	\$ 3.08 / \$ 10.10
R-FG-T-M022-14	0.875 / 22 / -14	144 / 43	\$ 3.60 / \$ 11.81
R-FG-T-M025-16	1.000 / 25 / -16	114 / 34	\$ 4.40 / \$ 14.43
R-FG-T-M032-20 *	1.250 / 32 / -20	50 / 15	Full Spool \$ 387.88
R-FG-T-M038-24 *	1.500 / 38 / -24	50 / 15	Full Spool \$ 625.00
R-FG-T-M051-32 *	2.000 / 51 / -32	27 / 8	Full Spool \$ 803.79

**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 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.

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 Large Spool / Std Spool		Price per Foot / Metre
R-FG-SQ-M006-04-X	0.250 / 6 / -04	375 / 114	650 / 198	\$ 1.60 / \$ 5.25
R-FG-SQ-M008-05	0.312 / 8 / -05	315 / 96	N/A	\$ 1.87 / \$ 6.13
R-FG-SQ-M010-06-X	0.375 / 10 / -06	285 / 86	370 / 112	\$ 2.10 / \$ 6.89
R-FG-SQ-M011-07	0.437 / 11 / -07	212 / 64	N/A	\$ 2.80 / \$ 9.18
R-FG-SQ-M013-08-X	0.500 / 13 / -08	162 / 49	220 / 67	\$ 3.67 / \$ 12.04
R-FG-SQ-M014-09	0.562 / 14 / -09	127 / 38	N/A	\$ 4.70 / \$ 15.42
R-FG-SQ-M016-10-X	0.625 / 16 / -10	105 / 32	160 / 48	\$ 5.67 / \$ 18.60
R-FG-SQ-M019-12-X	0.750 / 19 / -12	75 / 22.8	110 / 33	\$ 7.93 / \$ 26.01
R-FG-SQ-M022-14-X	0.875 / 22 / -14	55 / 16.7	88 / 26	\$ 10.83 / \$35.52
R-FG-SQ-M025-16-X	1.000 / 25 / -16	45 / 13.7	70 / 21	\$ 13.23 / \$ 43.39
R-FG-SQ-M032-20 *	1.250 / 32 / -20	26 / 7.9	N/A	Full Spool \$ 496.60
R-FG-SQ-M038-24-X *	1.500 / 38 / -24	18 / 5.4	30 / 9	Full Spool \$ 496.80
R-FG-SQ-M051-32-X *	2.000 / 51 / -32	11 / 3.3	17 / 5	Full Spool \$ 496.43

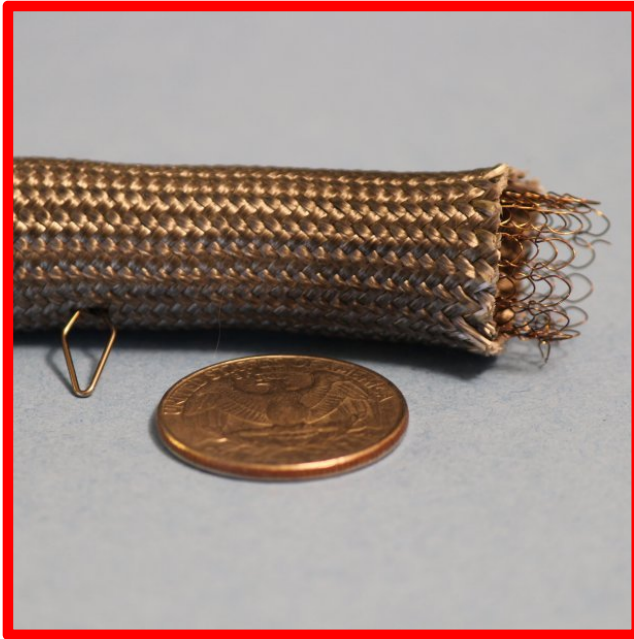
For the “X” value: Use “L” for Large Spool and “S” for Standard Spool

**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.

## Fiberglass Gasket Rope – Hollow Metal Core – with Clip Mounting 1200°F / 648°C: Very High Temperature & Heat Resistant Fiberglass Gasket Rope



- This rope gasket is constructed of a heat treated fiberglass braid 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 clean room, paint booth and food service applications.

\* This gasket is commonly used on the majority of self-cleaning ovens manufactured by GE, Hotpoint, Whirlpool, Maytag, Moffat, Kenmore, Westinghouse, Profile and others.

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. This rope has an ultimate compression to .110" without damage. Optimum compression range is from .15" to .40".

The ID of the hollow knit metal sleeve core is 1/2 inch. Weighs 0.70 oz per foot / 65.6 g per meter.

<b>Very High Temperature &amp; Heat Resistant Heat Treated Fiberglass Braided Rope Gasket with Stainless Steel Knit Hollow Core</b>			
<b>Part Number</b>	<b>OD Size inch / mm / dash#</b>	<b>Feet / Metres per coil</b>	<b>Price per coil / Foot</b>
R-FG-MC-CLIP-M016-10-025	0.57 / 15 / -9	25 / 7.6	\$ 187.23 / coil
R-FG-MC-CLIP-M016-10-050	0.57 / 15 / -9	50 / 15.2	\$ 354.47 / coil
R-FG-MC-CLIP-M016-10-250	0.57 / 15 / -9	250 / 76.2	\$ 1427.50 / coil
R-FG-MC-CLIP-M016-10-FT	0.57 / 15 / -9	By The Foot	\$ 8.36 / 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 Braided Texturized Rope with Stainless Mesh Core

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



This rope starts with a stainless steel 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 (following page in catalogue).

The stainless rope core is then overbraided with a 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.

The texturized yarn provides high bulk to the rope shell.

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

<b>Very High Temperature &amp; Heat Resistant Texturized Fiberglass Braided Rope with Stainless Mesh Core</b>			
<b>Part Number</b>	<b>OD Size inch / mm / dash#</b>	<b>Feet / Metres per Spool</b>	<b>Price per foot / Metre</b>
R-FG-MC-M013-08	0.500 / 13 / -08	100 / 30.4	\$ 4.08 / \$ 13.38
R-FG-MC-M016-10	0.625 / 16 / -10	100 / 30.4	\$ 7.96 / \$ 26.11
R-FG-MC-M019-12	0.750 / 19 / -12	100 / 30.4	\$ 8.52 / \$ 27.95
R-FG-MC-M022-14	0.875 / 22 / -14	50 / 15.2	\$ 12.32 / \$ 40.41
R-FG-MC-M025-16	1.000 / 25 / -16	50 / 15.2	\$ 13.56 / \$ 44.48
R-FG-MC-M029-18	1.125 / 29 / -18	25 / 7.6	\$ 14.32 / \$ 46.97

**This product is available in full spools only**

## Heat Treated Fiberglass Braided Rope with Stainless Mesh Core – Premium Grade

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

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



This rope starts with a stainless steel mesh core, providing a resilient push-back for applications such as kiln and lab oven doors, paint shop drying ovens.

The stainless rope 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 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

<b>Very High Temperature &amp; Heat Resistant Filament Fiberglass Braided Rope with Stainless Mesh Core – Premium Grade</b> <b>Clean Room and Paint Booth Oven Applications</b>			
Part Number	OD Size inch / mm / dash#	Feet / Metres per Spool	Price per foot / Metre
R-FG-HT-MC-M013-08	0.500 / 13 / -08	3000 / 914	\$ 4.89 / \$ 15.98
R-FG-HT-MC-M016-10	0.625 / 16 / -10	2000 / 609	\$ 9.15 / \$ 29.93
R-FG-HT-MC-M019-12	0.750 / 19 / -12	800 / 243	\$ 9.79 / \$ 32.04
R-FG-HT-MC-M022-14	0.875 / 22 / -14	600 / 182	\$ 14.17 / \$ 46.33
R-FG-HT-MC-M025-16	1.000 / 25 / -16	800 / 243	\$ 15.60 / \$ 50.99
R-FG-HT-MC-M029-18	1.125 / 29 / -18	600 / 182	\$ 16.46 / \$ 53.85

**This Product is Available By Spool Lengths Only**

## Wire Jacketed Fiberglass Kiln Door Seal Rope 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.

**Wire Jacketed Turbine Exhaust Gasket Seal**  
**1200°F / 648°C: Very High Temperature & Heat Resistant**

- Heat Treated Ultra Pure DeltaGlass with Stainless Mesh Core and Stainless Mesh Jacket Outer Cover



- 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.

1200°F / 648°C continuous rating

<b>Very High Temperature &amp; Heat Resistant</b>		
<b>Turbine Exhaust Gasket Sealing Rope - 1 1/8" / 29mm OD</b>		
<b>304SS Mesh Core - Heat Treated DeltaGlass Over-braid - 304SS Outer Mesh Jacket</b>		
Part Number	Length	Price
R-TS-4900159-23	23 feet / 7.01 metres	\$ 444.59
R-TS-4900159-38	38 feet / 11.58 metres	\$ 734.54
R-TS-4900159-48	48 feet / 14.63 metres	\$ 927.84
R-TS-FE15600-XX	By-the-foot / metre	\$ 21.67 / ft / \$ 71.08 / m
R-TS-FE15600-BULK	200 feet / 60.96 metres	\$ 3479.40

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	Price per Foot / Meter
R-FG GR-KS-01	0.062 / 1.6	2,500	\$ 1.44 / \$ 4.72
R-FG GR-KS-02	0.125 / 3	1,500	\$ 1.48 / \$ 4.85
R-FG GR-KS-03	0.187 / 5	2,100	\$ 1.53 / \$ 5.02
R-FG GR-KS-04	0.250 / 6	1,300	\$ 1.57 / \$ 5.15
R-FG GR-KS-06	0.375 / 10	750	\$ 2.04 / \$ 6.69
R-FG GR-KS-08	0.500 / 13	500	\$ 3.76 / \$ 12.33
R-FG GR-KS-10	0.625 / 16	300	\$ 4.40 / \$ 14.43
R-FG GR-KS-12	0.750 / 19	200	\$ 7.00 / \$ 22.96
R-FG GR-KS-14	0.875 / 22	150	\$ 7.84 / \$ 25.72
R-FG GR-KS-16	1.000 / 25	125	\$ 12.48 / \$ 40.93
<i>R-FG-GR-KS-20 *</i>	1.250 / 32	85	Spool Price \$ 1298.80
<i>R-FG-GR-KS-24 *</i>	1.500 / 38	55	Spool Price \$ 856.35

\* 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	Price per Foot / Meter
R-FG-GR-KD-02	0.125 / 3	1,500	\$ 0.76 / \$ 2.49
R-FG-GR-KD-03	0.187 / 5	1,750	\$ 0.84 / \$ 2.76
R-FG-GR-KD-04	0.250 / 6	1,100	\$ 1.28 / \$ 4.20
R-FG-GR-KD-06	0.375 / 10	600	\$ 2.20 / \$ 7.22
R-FG-GR-KD-08	0.500 / 13	400	\$ 4.20 / \$ 13.78
R-FG-GR-KD-10	0.625 / 16	260	\$ 4.88 / \$ 16.01
R-FG-GR-KD-12	0.750 / 19	160	\$ 7.76 / \$ 25.45
R-FG-GR-KD-14	0.875 / 22	120	\$ 8.68 / \$ 28.47
R-FG-GR-KD-16	1.000 / 25	100	\$ 13.84 / \$ 45.40
R-FG-GR-KD-20 *	1.250 / 32	70	Spool Price \$ 989.10
R-FG-GR-KD-24 *	1.500 / 38	55	Spool Price \$ 951.50
R-FG-GR-KD-32 *	2.000 / 51	50	Spool Price \$ 8867.00
R-FG-GR-KD-40 *	2.500 / 64	100	Spool Price \$ 8867.00
R-FG-GR-KD-48 *	3.000 / 76	100	Spool Price \$ 9766.00
R-FG-GR-KD-64 *	4.000 / 102	100	Spool Price \$ 17688.00

\* 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	Price per foot
R-FG-GR-SQ-04	0.250 / 6	375	15	\$ 7.16
R-FG-GR-SQ-05	0.312 / 8	315	12.6	\$ 7.46
R-FG-GR-SQ-06	0.375 / 10	285	11.4	\$ 6.73
R-FG-GR-SQ-07	0.437 / 11	212	8.5	\$ 9.10
R-FG-GR-SQ-08	0.500 / 13	162	6.5	\$ 11.80
R-FG-GR-SQ-09	0.562 / 14	127	5.1	\$ 15.03
R-FG-GR-SQ-10	0.625 / 16	105	4.2	\$ 18.25
R-FG-GR-SQ-12	0.750 / 19	75	3	\$ 25.56
R-FG-GR-SQ-14	0.875 / 22	55	2.2	\$ 34.85
R-FG-GR-SQ-16	1.000 / 25	45	1.8	\$ 42.60
R-FG-GR-SQ-20*	1.250 / 32	26	1.05	\$ 58.41
R-FG-GR-SQ-24*	1.500 / 38	18	.75	\$ 81.78
R-FG-GR-SQ-32*	2.000 / 51	11	.45	\$ 136.30

**THIS PRODUCT IS SOLD IN ONE POUND INCREMENTS**

## Square Braided Pure Graphite Rope

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

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	Price per Pound Plain / Wire / Carbon
R-GR-SQ-02-X	0.125 / 3.2	254 / 228 / N/A	127 / 114 / N/A	\$25.20 / \$27.99 / N/A
R-GR-SQ-03-X	0.187 / 4.7	114 / 102 / N/A	57 / 51 / N/A	\$25.20 / \$27.99 / N/A
R-GR-SQ-04-X	0.250 / 6	160 / 145 / N/A	32 / 29 / N/A	\$25.20 / \$27.99 / N/A
R-GR-SQ-05-X	0.312 / 8	102 / 93 / 110	20 / 18 / 22	\$25.20 / \$27.99 / \$117.90
R-GR-SQ-06-X	0.375 / 10	66 / 66 / 80	13 / 13 / 16	\$25.20 / \$27.99 / \$117.90
R-GR-SQ-07-X	0.437 / 11	54 / 49 / 60	10 / 9 / 12	\$25.20 / \$27.99 / \$107.21
R-GR-SQ-08-X	0.500 / 13	41 / 37 / 47	8 / 7 / 9	\$25.20 / \$27.99 / \$107.21
R-GR-SQ-09-X	0.562 / 14	65 / 59 / N/A	6.5 / 5.9 / N/A	\$25.20 / \$27.99 / N/A
R-GR-SQ-10-X	0.625 / 16	53 / 48 / 63	5.3 / 4.8 / 6.3	\$25.20 / \$27.99 / \$107.21
R-GR-SQ-12-X	0.750 / 19	36 / 33 / 44	3.6 / 3.3 / 4.4	\$25.20 / \$27.99 / \$98.71
R-GR-SQ-14-X	0.875 / 22	26 / 24 / 33	2.6 / 2.4 / 3.3	\$25.20 / \$27.99 / \$98.71
R-GR-SQ-16-X	1.000 / 25	20 / 18 / 26	2 / 1.8 / 2.6	\$25.20 / \$27.99 / \$98.71

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

## Vermiculite Coated Fiberglass 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.

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.

1500°F / 815°C continuous rating, high insulation value & excellent personnel 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.

<b>Very High Temperature &amp; Heat Resistant Vermiculite Coated Fiberglass Knitted Rope: <i>Soft</i></b>			
<b>Part Number</b>	<b>OD Size inch / mm / dash#</b>	<b>Feet / metres per Spool</b>	<b>Price per Foot / Metre</b>
R-FG-VC-KS-M002-01*	0.062 / 1.6 / -01	2,500 / 762	\$ 0.44 / \$ 1.45
R-FG-VC-KS-M003-02	0.125 / 3 / -02	1,500 / 457	\$ 0.45 / \$ 1.48
R-FG-VC-KS-M005-03	0.187 / 5 / -03	2,100 / 640	\$ 0.46 / \$ 1.51
R-FG-VC-KS-M006-04	0.250 / 6 / -04	1,300 / 396	\$ 0.47 / \$ 1.55
R-FG-VC-KS-M010-06	0.375 / 10 / -06	750 / 228	\$ 0.64 / \$ 2.10
R-FG-VC-KS-M013-08	0.500 / 13 / -08	500 / 152	\$ 1.04 / \$ 3.42
R-FG-VC-KS-M016-10	0.625 / 16 / -10	300 / 91	\$ 1.12 / \$ 3.67
R-FG-VC-KS-M019-12	0.750 / 19 / -12	200 / 60	\$ 1.99 / \$ 6.53
R-FG-VC-KS-M022-14	0.875 / 22 / -14	150 / 45	\$ 2.44 / \$ 8.00
R-FG-VC-KS-M025-16	1.000 / 25 / -16	125 / 38	\$ 3.64 / \$ 11.94
R-FG-VC-KS-M032-20*	1.250 / 32 / -20	85 / 25	\$ 4.57 / \$ 14.99
R-FG-VC-KS-M038-24*	1.500 / 38 / -24	55 / 16	\$ 5.90 / \$ 19.35

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

**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**



1500°F / 815°C continuous rating, high insulation value

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

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.

- 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.

<b>Very High Temperature &amp; Heat Resistant Vermiculite Coated Fiberglass Knitted Rope: Dense</b>			
<b>Part Number</b>	<b>OD Size inch / mm / -dash#</b>	<b>Feet per Spool</b>	<b>Price per foot</b>
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**

**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 texturized fiberglass yarns then coated with Vermiculite, a 100% inorganic dispersion.

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.

1500°F / 815°C continuous rating, high insulation value & excellent personnel protection

- An alternative to asbestos and ceramic based textiles.
- Highly flexible and minimal shrinkage.
- High abrasion resistance and tensile strength.
- 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	Price per foot
R-FG-VC-T-M003-02	0.125 / 3 / -02	2,525	\$ 0.32
R-FG-VC-T-M006-04	0.250 / 6 / -04	1,275	\$ 1.20
R-FG-VC-T-M010-06	0.375 / 10 / -06	969	\$ 1.60
R-FG-VC-T-M013-08	0.500 / 13 / -08	523	\$ 2.88
R-FG-VC-T-M016-10	0.625 / 16 / -10	305	\$ 4.60
R-FG-VC-T-M019-12	0.750 / 19 / -12	168	\$ 8.36
R-FG-VC-T-M022-14	0.875 / 22 / -14	144	\$ 9.72
R-FG-VC-T-M025-16	1.000 / 25 / -16	114	\$ 12.32
R-FG-VC-T-M032-20*	1.250 / 32 / -20	77	\$ 16.33
R-FG-VC-T-M038-24*	1.500 / 38 / -24	50	\$ 32.47
R-FG-VC-T-M051-32*	2.000 / 51 / -32	27	\$ 69.47

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

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

## Vermiculite Coated Fiberglass Braided Square Rope (Square Dry Packing Rope)

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.

Tested and certified to meet 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.

1500°F / 815°C continuous rating, high insulation value & excellent personnel protection

- An alternative to asbestos and ceramic based textiles.
- Highly flexible and minimal shrinkage.
- High abrasion resistance and tensile strength.
- Meets Federal Railroad Administration requirements for surface flammability and rate of smoke generation.

### Very High Temperature & Heat Resistant Vermiculite Coated Fiberglass Square Braided Rope

Part Number	OD Size inch / mm / dash#	Feet per Spool / Pound	Price per foot / pound (sold by pound)
R-FG-VC-SQ-04	0.250 / 6 / -04	375 / 15	\$ 3.07 / \$ 46.05
R-FG-VC-SQ-05	0.312 / 8 / -05	315 / 12.6	\$ 3.47 / \$ 43.72
R-FG-VC-SQ-06	0.375 / 10 / -06	285 / 11.4	\$ 3.33 / \$ 37.96
R-FG-VC-SQ-07	0.437 / 11 / -07	212 / 8.5	\$ 4.07 / \$ 34.59
R-FG-VC-SQ-08	0.500 / 13 / -08	162 / 6.5	\$ 5.33 / \$ 34.65
R-FG-VC-SQ-09	0.562 / 14 / -09	127 / 5.1	\$ 6.80 / \$ 34.68
R-FG-VC-SQ-10	0.625 / 16 / -10	105 / 4.2	\$ 8.23 / \$ 34.56
R-FG-VC-SQ-12	0.750 / 19 / -12	75 / 3	\$ 11.51 / \$ 34.53
R-FG-VC-SQ-14	0.875 / 22 / -14	55 / 2.2	\$ 15.70 / \$ 34.54
R-FG-VC-SQ-16	1.000 / 25 / -16	45 / 1.8	\$ 19.17 / \$ 34.51
R-FG-VC-SQ-20*	1.250 / 32 / -20	26 / 1.05	\$ 27.66 / \$ 31.55
R-FG-VC-SQ-24*	1.500 / 38 / -24	18 / 0.75	\$ 42.17 / \$ 31.63
R-FG-VC-SQ-32*	2.000 / 51 / -32	11 / .45	\$ 70.60 / \$ 31.77

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

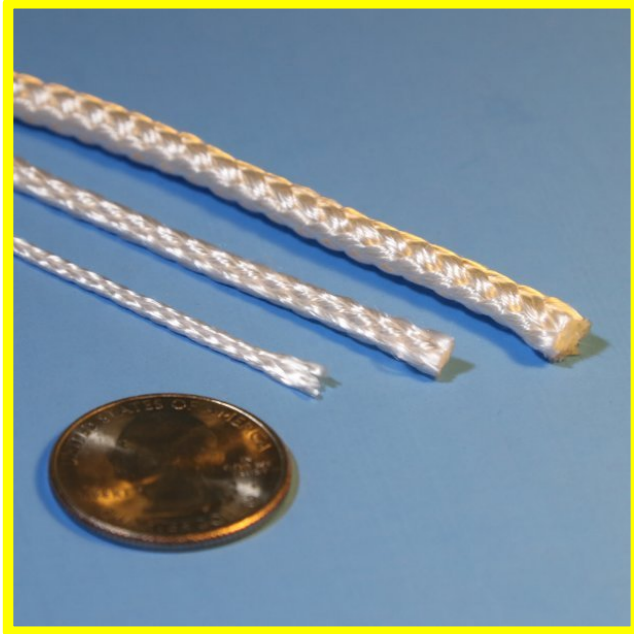
\*These items are sold in full length spools only.

## 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: InSiMax™



- 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 (SiO<sub>2</sub>) and can survive harsh environments.
- Provides excellent burn-through protection from molten metal, direct flame and weld splatter.

InSiMax™ Extreme Temperature Heat & Direct Flame Resistant Knitted Silica Cord/Rope							
Part Number	Size			Max Spool Length		Breaking Strength * N / kg / lbs	Price per Foot / Metre
	inch	mm	-dash	feet	metres		
R-S-KDC-M0015-01	.060	1.5	-01	650	200	70 / 7.1 / 15.7	\$ 0.21 / \$ 0.69
R-S-KDC-M003-02	.120	3	-02	650	200	90 / 9.2 / 20.2	\$ 0.34 / \$ 1.12
R-S-KDC-M006-04	.250	6	-04	650	200	110 / 11.2 / 24.7	\$ 1.40 / \$ 4.60

\$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 (SiO<sub>2</sub>) 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		InSilMax™ Price per Foot / Metre	InSilMax™ XT Price per Foot / Metre
	inch	mm	-dash	feet	metres		
R-S-KD-M006-04-X	.250	6	-04	1138	346	\$ 2.16 / \$ 7.08	\$ 2.48 / \$ 8.14
R-S-KD-M010-06-X	.375	10	-06	625	190	\$ 2.40 / \$ 7.87	\$ 2.76 / \$ 9.05
R-S-KD-M013-08-X	.500	13	-08	375	114	\$ 2.88 / \$ 9.45	\$ 3.31 / \$ 10.87
R-S-KD-M016-10-X	.625	16	-10	250	76	\$ 4.04 / \$ 13.25	\$ 4.65 / \$ 15.24
R-S-KD-M019-12-X	.750	19	-12	205	62	\$ 4.88 / \$ 16.01	\$ 5.61 / \$ 18.41
R-S-KD-M022-14-X	.875	22	-14	138	42	\$ 6.24 / \$ 20.47	\$ 7.18 / \$ 23.54
R-S-KD-M025-16-X	1.000	25	-16	113	34	\$ 7.92 / \$ 25.98	\$ 9.11 / \$ 29.88
R-S-KD-M032-20-X*	1.250	32	-20	75	22	\$ 822.00 / spool	\$ 945.30 / spool
R-S-KD-M038-24-X*	1.500	38	-24	50	15	\$ 581.50 / spool	\$ 668.72 / spool

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 (SiO<sub>2</sub>) 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	InSilMax™ Price	InSilMax™ XT Price
	inch / mm / -dash					
R-S-T-M006-04-X*	.250	6	-04	100 / 30	\$ 387.00 / spool	\$ 445.05 / spool
R-S-T-M010-06-X*	.375	10	-06	100 / 30	\$ 591.00 / spool	\$ 679.65 / spool
R-S-T-M013-08-X*	.500	13	-08	100 / 30	\$ 762.00 / spool	\$ 876.30 / spool
R-S-T-M019-12-X*	.750	19	-12	100 / 30	\$ 1,373.00 / spool	\$ 1,578.95 / spool
R-S-T-M025-16-X*	1.000	25	-16	75 / 22	\$ 1,887.50 / spool	\$ 2,170.63 / spool

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 (SiO<sub>2</sub>) 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			Length per Spool feet / metres	InSilMax™ Price per foot	InSilMax™ XT Price per foot
	inch	mm	-dash			
R-S-SQ-M006-04-X*	.250	6	-04	825 / 251	\$ 3.13	\$ 3.60
R-S-SQ-M010-06-X*	.375	10	-06	415 / 126	\$ 5.43	\$ 6.25
R-S-SQ-M013-08-X*	.500	13	-08	250 / 76	\$ 6.76	\$ 7.78
R-S-SQ-M016-10-X*	.625	16	-10	135 / 41	\$ 11.13	\$ 12.80
R-S-SQ-M019-12-X*	.750	19	-12	105 / 32	\$ 15.20	\$ 17.48
R-S-SQ-M022-14-X*	.875	22	-14	75 / 22.8	\$ 19.40	\$ 22.31
R-S-SQ-M025-16-X*	1.000	25	-16	65 / 19.8	\$ 21.50	\$ 24.73
R-S-SQ-M032-20-X*	1.250	32	-20	42 / 12.8	\$ 39.83	\$ 45.81
R-S-SQ-M038-24-X*	1.500	38	-24	32 / 9.7	\$ 46.98	\$ 54.01
R-S-SQ-M051-32-X*	2.000	51	-32	19 / 5.7	\$ 113.13	\$ 130.10

-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 Braided 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		Price per spool		Price per foot	
	inch	mm	-dash	feet	metres	Premium	Industrial	Premium	Industrial
R-C-B-X-M006-04-Y	.250	6	-04	700	213	\$ 770.83 / \$ 616.66		\$ 1.72 / \$ 1.32	
R-C-B-X-M010-06-Y	.375	10	-06	370	112	\$ 957.88 / \$ 766.31		\$ 4.04 / \$ 3.11	
R-C-B-X-M013-08-Y	.500	13	-08	525	160	\$ 1129.16 / \$ 903.33		\$ 3.35 / \$ 2.58	
R-C-B-X-M016-10-Y	.625	16	-10	350	106	\$ 1146.79 / \$ 917.43		\$ 5.11 / \$ 3.93	
R-C-B-X-M019-12-Y	.750	19	-12	250	76	\$ 1151.71 / \$ 921.37		\$ 7.18 / \$ 5.52	
R-C-B-X-M022-14-Y	.875	22	-14	180	54	\$ 1178.29 / \$ 942.63		\$ 10.21 / \$ 7.85	
R-C-B-X-M025-16-Y	1.000	25	-16	125	38	\$ 1206.06 / \$ 964.85		\$ 15.04 / \$ 11.57	
R-C-B-X-M029-20-Y	1.250	32	-20	100	30	\$ 1224.01 / \$ 979.21		\$ 19.08 / \$ 14.68	
R-C-B-X-M032-24-Y	1.500	38	-24	75	22	\$ 1232.64 / \$ 986.11		\$ 25.64 / \$ 19.72	
R-C-B-X-M051-32-Y	2.000	51	-32	48	14	\$ 1243.23 / \$ 994.58		\$ 40.40 / \$ 31.08	

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		Price per spool	
	inch / mm / -dash			feet / metres		Premium / Industrial	Premium / Industrial
R-C-T-X-M006-04-Y	.250	6	-04	900	274	\$ 700.16 / \$ 560.13	
R-C-T-X-M010-06-Y	.375	10	-06	510	155	\$ 723.05 / \$ 578.44	
R-C-T-X-M013-08-Y	.500	13	-08	750	228	\$ 1196.71 / \$ 957.37	
R-C-T-X-M016-10-Y	.625	16	-10	500	152	\$ 1214.03 / \$ 971.22	
R-C-T-X-M019-12-Y	.750	19	-12	375	114	\$ 1235.59 / \$ 988.47	
R-C-T-X-M022-14-Y	.875	22	-14	275	83	\$ 1247.02 / \$ 997.61	
R-C-T-X-M025-16-Y	1.000	25	-16	225	68	\$ 1267.98 / \$ 1014.38	
R-C-T-X-M029-20-Y	1.250	32	-20	155	47	\$ 1279.66 / \$ 1023.73	
R-C-T-X-M032-24-Y	1.500	38	-24	110	33	\$ 1293.15 / \$ 1034.52	
R-C-T-X-M051-32-Y	2.000	51	-32	55	16	\$ 1306.48 / \$ 1045.18	

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: 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 inch / mm / -dash			Spool length feet / metres		Price per spool Premium / Industrial		Price per foot Premium / Industrial	
	R-C-SQ-X-M006-04-Y	.250	6	-04	450	137	\$ 664.55 / \$ 531.64	\$ 2.30 / \$ 1.77	
R-C-SQ-X-M010-06-Y	.375	10	-06	240	73	\$ 697.30 / \$ 557.84	\$ 4.52 / \$ 3.48		
R-C-SQ-X-M013-08-Y	.500	13	-08	350	106	\$ 1209.22 / \$ 967.38	\$ 5.39 / \$ 4.15		
R-C-SQ-X-M016-10-Y	.625	16	-10	250	76	\$ 1200.26 / \$ 960.21	\$ 7.49 / \$ 5.76		
R-C-SQ-X-M019-12-Y	.750	19	-12	165	50	\$ 1216.93 / \$ 973.54	\$ 11.51 / \$ 8.85		
R-C-SQ-X-M022-14-Y	.875	22	-14	125	38	\$ 1226.84 / \$ 981.47	\$ 15.30 / \$ 11.77		
R-C-SQ-X-M025-16-Y	1.000	25	-16	100	30	\$ 1245.69 / \$ 996.55	\$ 19.42 / \$ 14.94		
R-C-SQ-X-M029-20-Y	1.250	32	-20	70	21	\$ 1264.53 / \$ 1011.62	\$ 28.18 / \$ 21.68		
R-C-SQ-X-M032-24-Y	1.500	38	-24	50	15	\$ 1277.41 / \$ 1021.93	\$ 39.86 / \$ 30.66		
R-C-SQ-X-M051-32-Y	2.000	51	-32	33	10	\$ 1284.09 / \$ 1027.27	\$ 60.69 / \$ 46.69		

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**

### 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/ft<sup>2</sup> °F/in (0.12 W/m °K). 1100°F: 0.91 BTU/ft<sup>2</sup> °F/in (0.13 W/m °K). 1800°F: 1.19 BTU/ft<sup>2</sup> °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**

<b>304 Stainless Steel Mesh Rope</b>					
<b>OD Size inch / mm</b>		<b>Part Number</b>	<b>Price per Foot</b>	<b>Price per Carton</b>	<b>Feet per Carton</b>
1/4"	6	R-SS-M006-04	\$ 3.05	\$ 2030.00	1000
5/16"	8	R-SS-M008-05	\$ 4.60	\$ 2300.00	1000
3/8"	10	R-SS-M010-06	\$ 5.14	\$ 3855.00	1500
1/2"	13	R-SS-M013-08	\$ 7.93	\$ 3930.00	1000
5/8"	16	R-SS-M016-10	\$ 11.54	\$ 4616.00	800
3/4"	19	R-SS-M019-12	\$ 14.74	\$ 4422.00	600
7/8"	22	R-SS-M022-14	\$ 24.54	\$ 4908.00	400
1"	25	R-SS-M025-16	\$ 29.46	\$ 4419.00	300
1 1/4"	32	R-SS-M032-20	\$ 44.14	\$ 5517.50	250
1 3/8"	35	R-SS-M035-22	\$ 51.40	\$ 3855.00	150
<b>Inconel 600 Mesh Rope</b>					
1/4"	6	R-IN-M006-04	\$ 9.60	\$ 4800.00	1000
3/8"	10	R-IN-M010-06	\$ 18.40	\$ 13800.00	1500
1/2"	13	R-IN-M013-08	\$ 20.66	\$ 10330.00	1000
5/8"	16	R-IN-M016-10	\$ 31.60	\$ 12640.00	800
3/4"	19	R-IN-M019-12	\$ 42.54	\$ 12762.00	600
7/8"	22	R-IN-M022-14	\$ 62.00	\$ 12400.00	400
1"	25	R-IN-M025-16	\$ 93.46	\$ 14019.00	300
1 1/4"	32	R-IN-M032-20	\$129.60	\$ 6480.00	100
1 3/8"	35	R-IN-M035-22	\$ 142.46	\$ 7123.00	100
1 7/8"	48	R-IN-M048-30	\$ 244.94	\$ 9185.25	75