



FIBERGLASS / SILICONE FIBER ROPE

High Temperature Resistance • Thermal Insulation • Excellent Sealing • Long Service Life

PRODUCT STRUCTURE



ROPE PROFILE TYPES



DIAMETER OPTIONS

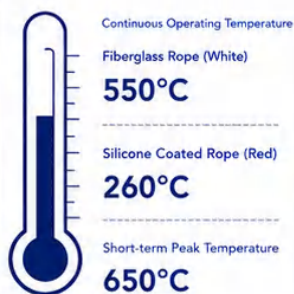
Diameter	Tolerance
4 mm	± 0.5 mm
6 mm	± 0.5 mm
8 mm	± 0.5 mm
10 mm	± 0.5 mm
12 mm	± 0.5 mm
16 mm	± 0.8 mm
20 mm	± 1.0 mm
Custom Size	Available



MATERIAL & PERFORMANCE

Property	Typical Value
Material	E-Glass Fiber / Silicone Coated
Color	White / Red
Density	0.55 – 0.75 g/cm ³
Tensile Strength	≥ 500 N (varies by diameter)
Thermal Conductivity	≤ 0.04 W/m·K (@ 200°C)
Chemical Resistance	Excellent (Acids, Alkalies, Solvents)
Moisture Absorption	≤ 1.0 %
Flammability	Non-combustible
Flexibility	Excellent
Service Life	Long Term

THERMAL PERFORMANCE



STANDARD COIL LENGTH

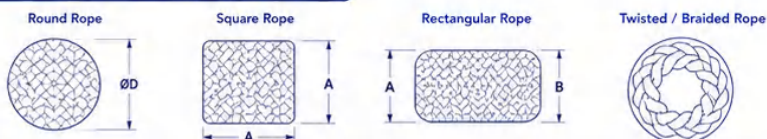
Diameter	Standard Coil Length
4 – 10 mm	50 m / 100 m
12 – 16 mm	25 m / 50 m
18 – 20 mm	20 m / 30 m
Custom Size	Available



TYPICAL APPLICATIONS



DIMENSIONAL DRAWINGS (REFERENCE)



Unit: mm	Round Rope	Square Rope (A)	Rectangular Rope (A x B)	Rectangular Rope (A x B)
(ØD)	4	4	4 x 4	4 x 6
6	6	6	6 x 6	6 x 8
8	8	8	8 x 8	8 x 10
10	10	10	10 x 10	10 x 12
12	12	12	12 x 12	12 x 16
16	16	16	16 x 16	16 x 20
20	20	20	20 x 20	20 x 25
Custom Size	Available	Available	Available	Available

FEATURES & ADVANTAGES



PREMIUM QUALITY • RELIABLE SEALING SOLUTIONS

Custom diameters, profiles and coil lengths available upon request.