

DARCO SOUTHERN

HIGH TEMPERATURE ROPES



Darco Southern offers a variety of Tetraglas® (Fiberglass), Silco Rope®, Tetraglas 3000® (Silica) and Ceramic Rope products. Each providing unique physical characteristics and sealing performance. Common applications for high temperature ropes include seals for boilers, ovens and stoves as well as high temperature industrial packing and expansion joints. Even at elevated temperatures the Tetraglas®, Tetraglas 3000® and Ceramic ropes are resistant to most acids and alkalis.

For custom rope solutions, our vertically integrated manufacturing and engineering capabilities allow us to design, prototype and produce the optimal product, in a minimal timeframe. In collaboration with your team, we review your application and create a tailored high temperature rope to solve your specific design challenge. Ask us about our Darco Southern 4D Process!

HIGH TEMPERATURE ROPES

MATERIALS

Type E Fiberglass
High-grade silicone elastomer
Amorphous silica
Ceramic fiber

AVAILABLE CONSTRUCTION OPTIONS

Knitted, round, braided, twisted, and square braided

MAXIMUM CONTINUOUS TEMPERATURE

Up to 2300°F (1260°C) depending on specific product

SIZE RANGE

1/16" (1.6mm) - 4" (102mm) depending on specific product

AVAILABLE OPTIONS

Special bulk packaging
Stainless steel wire jacket for durability
Coating – Vermiculite, PTFE, Graphite, and Silicone
Tetraglas® Square Dry Packing
Stainless Steel or Inconel mesh core

DARCO HIGH TEMPERATURE ROPE

Nominal Diameter		DARCO Part Number			
in.	mm	SOFT Tetraglas® Fiberglass	DENSE Tetraglas® Fiberglass	Tetraglas® 3000 Silica	Ceramic
1/16	1.5	RFS0250-001-000	N/A	N/A	N/A
1/8	3.2	RFS0250-001-000	RFD0250-002-000	N/A	N/A
3/16	4.5	RFS0250-003-000	RFD0250-003-000	N/A	N/A
1/4	6.4	RFS0250-004-000	RFD0250-004-000	RSK000R-004-000	RCB000R-004-000
3/8	9.6	RFS0250-006-000	RFD0250-006-000	RSK000R-006-000	RCB000R-006-000
1/2	12.7	RFS0250-008-000	RFD0250-008-000	RSK000R-008-000	RCB000R-008-000
5/8	15.9	RFS0250-010-000	RFD0250-010-000	RSK000R-010-000	RCB000R-010-000
3/4	19.1	RFS0250-012-000	RFD0250-012-000	RSK000R-012-000	RCB000R-012-000
7/8	22.2	RFS0250-014-000	RFD0250-014-000	RSK000R-014-000	RCB000R-014-000
1	25.4	RFS0250-016-000	RFD0250-016-000	RSK000R-016-000	RCB000R-016-000
1-1/4	32	RFS0250-020-000	RFD0250-020-000	RSK000R-020-000	RCB000R-020-000
1-1/2	38	RFS0250-024-000	RFD0250-024-000	RSK000R-024-000	RCB000R-024-000
2	51	RFS0250-032-000	RFD0250-032-000	N/A	RCB000R-032-000

*** Please contact Darco for sizes larger than 2" (51mm)***



MEMBER OF THE **DAVLYN** GROUP

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MADE IN US
With Domestic and Imported Materials

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