

Unifrax Fiberfrax® Rope

Category : Ceramic

Material Notes:

Fiberfrax textile products are durable, high temperature, ceramic fiber packing materials that are well-suited for industrial applications. They are noted for their superior insulating and sealing ability to 1260°C (2300°F). These materials contain approximately 20% organic carrier fiber to facilitate the carding process. The carrier fiber burns out at a low temperature with no effect on the ceramic fiber properties. Fiberfrax ropes are twisted multi-ply ceramic fiber packing manufactured from Fiberfrax wicking. Standard minimum 3-ply rope is a low density, highly compressive product form. HD rope is up to 9-ply and provides increased compression resistance and strength and is approximately 40-65% denser than regular Fiberfrax rope. Fiberfrax braids are used where high density and resistance to compression and mechanical abuse are required, such as in packing applications. Round and square versions are available. Information Provided by Unifrax I LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-Rope.php

Physical Properties	Metric	English	Comments
Density	0.320 g/cc	0.0116 lb/in ³	Nominal

Thermal Properties	Metric	English	Comments
Melting Point	1790 °C	3250 °F	
Maximum Service Temperature, Air	1175 °C	2147 °F	Recommended Operating Temperature

Descriptive Properties	Value	Comments
Breaking Strength (N) 12.7mm (1/2") size	356	as produced
	44	after 24 hrs. at 980°C (1800°F)
Linear Weight (m/kg)	1.5	51 mm size
	10.1	19 mm size
	14.1	16 mm size
	19.5	13 mm size
	3.5	38 mm size
	34.9	10 mm size
	5	32 mm size
	6	25 mm size
	60.4	6 mm size

Descriptive Properties	Value	Comments
Temperature Grade (°C)	1260	

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