

## TECHNICAL DATA

### E Glass Ropes FR series

Fibreglass ropes FR series are a non-asbestos product, manufactured from “E” Type highly texturised yarns, specially developed for high temperature applications, and have excellent handling characteristics. The range consists of:

**Soft** white knitted rope without a core filling

**Medium** white knitted rope with a core filling

**Medium B** black coloured knitted rope within a knitted rope for best springy resilient rope seal

**Dense** white hard core rope with knitted sheath

**Square** white very hard core with braided sheath. Only 10mm square stocked in black

**Rectangular** very hard core with braided sheath

They are suitable for dry, static, sealing applications. Applications include; thermal and electrical insulation; cores for tadpole tape; gasketing; furnace and boiler door seals; wood burning stove door seals.

Fibreglass ropes are resistant to oils, solvents and most chemicals, but direct contact with live steam should be avoided.

#### Product Selection Chart

Soft (FRSxx)		Medium (FRMxx)		Dense (FRDxx)		Square (FRxxSQ)		Rectangular (FRxxxxR)	
Size mm	Coil Length	Size mm	Coil Length	Size mm	Coil Length	Size mm	Coil Length	Size mm	Coil Length
6	100			6	100	10	50	50 x 25	10
10	100			10	50	12	50		
12	50	12	50	12	50	15	50		
15	50	15	50	15	50	20	30		
19	50	19	30	20	30	25	30		
		20	30	25	30	30	10		
				30	10	40	10		
				40	10	50	10		
				50	10				

Service Temperature	Constant Max	550°C
Melting Temperature		800°C
Thermal Conductivity		0.05 W/mK
Physiologically Harmless refer MSDS		Yes
Combustibility		Non combustible
Yarn		E glass continuous filament-texturised fibre
Coating/finishes		Plain or dyed black

This data represents a typical analysis obtained from production lots. It is subject to reasonable variation, and should not be considered guaranteed specification.  
 FIBR-0002-Rev2