



WORKING TEMPERATURE
CONTINUOUS: 1000°F / 535°C

ADDED VALUE

- REACh & RoHS compliant
- Extensive stock for short lead times
- Economical system protection
- Packing, sealing, & gasket component

MATERIAL COMPOSITION

- Highly texturized E-Glass fiber
- Versatile thermal protection
- Knit-braided high-density rope
- Extremely lightweight and flexible

THERMAL PROTECTION

- Will not melt or burn
- High ambient temperature
- Does not support combustion

APPLICATIONS

- Ideal for industrial gasket applications for use in ovens, furnaces, kilns
- Perfect for use alongside Pyrotherm F/G Tape in industrial tadpole-style gaskets
- High temperature packing and seal material

AVAILABILITY

- Pyrotherm F/G Rope is a stock product, allowing for fast turnaround time
- Bulk lengths available for scrap minimization
- Rope supplied boxed standard, shop spools available upon request



PYROTHERM F/G ROPE

FIBERGLASS THERMAL ROPE



- Protects systems from thermal transfer in industrial, appliance, and many other high-temperature applications
- High-temperature rope is flame resistant, & will not burn or support combustion
- Good resistance to most common industrial chemicals and solvents
- Highly flexible and lightweight fiberglass thermal rope makes an ideal seal, packing, and gasket material for boilers, ovens, furnaces, crucibles, etc.

Product Description

Pyrotherm FG Rope is a high-temperature, non-combustible 100% fiberglass thermal rope produced by Atlantex Manufacturing. FG Rope is commonly used alongside Pyrotherm F/G Tape as a component in assembled gaskets, but is also widely used as a standalone gasketing/packing solution for industrial ovens, furnaces, kilns, and in various foundry applications.

Manufactured with E-glass fibers, Pyrotherm FG Rope is able to withstand continuous exposure up to 1000°F, will not burn or support combustion, and is resistant to degradation caused by exposure to common industrial fluids and chemicals. Reduce heat loss and maintain proper internal system temperatures by insulating with Pyrotherm FG Rope.

Rope Variations

- High Density
- Standard Density
- Wire mesh overknit
- Silicone coating

Material Resistivity

- High temperatures = Excellent
- Flexibility = Excellent
- Oil resistance = Very Good
- Water resistance = Very Good
- Hydraulic fluid resistance = Very Good
- Solvent resistance = Very Good
- Fuel resistance = Very Good
- Wear resistance = Good

| PYROTHERM F/G ROPE PART NUMBERS | | |
|---------------------------------|------|---------|
| DIAMETER | | PART NO |
| 1/8" | 3mm | FR02320 |
| 1/4" | 6mm | FR04320 |
| 3/8" | 10mm | FR06320 |
| 1/2" | 13mm | FR08320 |
| 5/8" | 16mm | FR10320 |
| 3/4" | 19mm | FR12320 |
| 7/8" | 22mm | FR14320 |
| 1" | 25mm | FR16320 |
| 1-1/4" | 32mm | FR20320 |
| 1-1/2" | 38mm | FR24320 |
| 1-3/4" | 44mm | FR28320 |
| 2" | 51mm | FR32320 |