

REFRASIL[®] Rope Gasket

Rope Gasket



Rope Gasket Sealing Material for Temperatures up to 1800°F (982°C)

REFRASIL Rope Gasket is a dimensionally controlled, high-density, braided, high silica (<96% SiO₂) product intended for service temperatures up to 1800°F (982°C).

Produced in five sizes - 1/4" through 1" diameter REFRASIL Rope Gasket is braided from texturized yarns, pre-shrunk, and treated with a hydrocarbon finish to improve its abrasion resistance and ease of handling.

Availability - REFRASIL's textiles are available in a variety of product forms to suit each customer's specific needs: cloth, tape, sleeving rope, yarn, cordage, batt and bulk fiber.

All textiles can be purchased through a nationwide network of stocking distributors.

Rope Gasket Properties

Product Code	Nominal Diameter (in.)	Density (lbs./cu.ft.)	Yield (ft./lb.)	Breaking Strength Ambient Temp. (lbs.)	Shrinkage At 1600°F (%)
RG-1/4	.23	44	82	40	.06
RG-3/8	.33	45	38	60	.06
RG-1/2	.47	31	24	140	.06
RG-3/4	.73	31	11	250	.07
RG-1	.96	36	6	470	.08

Packaging - REFRASIL RG-1/4, RG-3/8 and RG-1/2 are packaged as 100 lineal feet spools, two spools to a carton. RG-3/4 and RG-1 are packaged as 50 lineal feet spools, two spools to a carton.

Typical Applications - REFRASIL Rope Gasket can be used where compact, dense, high-temperature performance compressive seals are required, e.g., partial grooves in furnace or oven doors where the rope is not entirely contained. It also is used as a sealing element in many types of manufacturing equipment which handle heat, such as furnaces, boilers and ovens.

In small-diameter high-temperature gasketing applications, REFRASIL Rope Gasket is an excellent alternative to asbestos and ceramic fiber-braided ropes and wicks.

Arnil CFS, Inc
15660 LaSalle Street
South Holland, IL 60473
phone: 708 339 6810
fax: 708 339 0517
www.arnilcfs.com