



REFRASIL® ROPE GASKET AND SLEEVING



PRODUCT INFORMATION

REFRASIL® Rope gasket is a dimensionally controlled, high-density braided pure silica product intended for continuous service temperatures up to 1800°F. REFRASIL® silica rope gasket is braided from texturized yarns, pre-shrunk and treated with a hydrocarbon finish to improve handling and abrasion resistance. Rope gasket is used where compact, dense, high temperature performance compressive seals are required.

REFRASIL® REFRASIL® Sleeving is a pure silica woven sleeve product designed for a continuous use temperature up to 1800°F. It provides efficient thermal insulation for pipe and cabling applications. Sleeving is available in a standard or heavy wall. Standard sleeving has a looser braid allowing it to accommodate a range of diameters. Heavy wall sleeving has a tighter weave providing maximum thermal insulation.

NOMINAL PROPERTIES

Silica content: 96% minimum

APPLICATIONS

Heating and cooling hose insulation
Furnace door gaskets and seals

PRODUCT DESCRIPTION

Rope Gasket

Product Code	Nominal Diameter (in.)	Density (lbs./cu. Ft.)	Yield (ft./lb.)	Break Strength Ambient Temp. (lbs.)	Shrinkage at 1,600 F (%)
RG-1/4	0.23	44	82	40	0.60
RG-3/8	0.33	45	38	60	0.60
RG-1/2	0.47	31	24	140	0.60
RG-3/4	0.73	31	11	250	0.70
RG-1	0.96	36	6	470	0.80

Sleeving

Product Code	Wall Type	Wall thickness (in.)	Nominal I.D. (in.)	Maximum I.D. (in.)
UB-3/4	Standard	0.032	3/4	0.95
UB-1	Standard	0.032	1	1.35
UB-1 1/2	Standard	0.032	1 1/2	2.50
UB-2	Standard	0.032	2	3.20
UB-2 1/2	Standard	0.032	2 1/2	3.30
HWS-3/8	Heavy Wall	0.065	3/8	0.40
HWS-1/2	Heavy Wall	0.065	1/2	0.40
HWS-1	Heavy Wall	0.065	1	1.10
HWS-1 1/2	Heavy Wall	0.065	1 1/2	1.60