

ARMORWELD®

PRODUCT PART NUMBER

RG, C100 & SY-1

Silica Rope Gasket, Cordage & Yarn

PRODUCT DATA SHEET



ARMORWELD® Rope Gasket (RG-series) is an over-braid construction that generates incredible strength and maintains flexibility. Due to its 96% silica content, **ARMORWELD® Rope Gasket** can be used in continuous service as high as 1800°F. There are nine available diameters, and each size is constructed from pre-shrunk texturized yarns. All **ARMORWELD® Rope Gaskets** have a hydrocarbon finish for increased abrasion resistance and handling.

RG ROPE GASKET APPLICATIONS:

- Furnace door seal
- Tadpole tape bulb
- Coke battery door seal
- High temperature drawstring
- High temperature gasketing

Product	Nominal Diameter (in.)	Roll Length (ft)	Nominal Yield (ft. / lbs.)
RG 1/8	1/8	100	312.5
RG 3/16	3/16	100	140.8
RG 1/4	1/4	100	75
RG 3/8	3/8	100	36
RG 1/2	1/2	100	22
RG 5/8	5/8	100	17.7
RG 3/4	3/4	50	7.5
RG 7/8	7/8	50	5.5
RG 1	1	50	4.5

ARMORWELD® Cordage is available in two diameters. Designed to have minimal shrinkage, **ARMORWELD® Cordage** will maintain physical properties up to 1800°F, and can withstand thermal excursions to 3100°F which is its vaporizing temperature. C100 series products are PTFE lubricated for abrasion resistance, handling and braiding.

C100 CORDAGE APPLICATIONS:

- Mop curtains for atmosphere furnaces
- Binding and fastening
- Wrapping for electrical equipment
- Gasketing and sealing

Product	Nominal Diameter (in.)	Spool Size (lb.)	Spools / Carton	Nominal Yield (yds / lbs.)
C100-3	0.04	1.5	10	700
C100-4	0.05	1.6	10	330

ARMORWELD® Silica Yarn is the industries highest strength continuous filament silica yarn available. Designed for use as a thermocouple over-braid, the SY-1 family of products can be used for binding and fastening also. SY-1 is available with a PTFE coating for added lubricity while braiding (SYTFE-1).

Specifications

Product:	SY-1
Color:	White
Fiber Dia. (OCF)	
OCF Designation: DE	
Microns:	6
TEX:	170
Equivalent yd/lb:	3100 nominal (will vary with coating)
Finish:	Pre-shrunk / Proprietary PTFE finish coating
Construction:	
# of strands	8
Strand Tex	22
Equivalent yd/lb	22500
LOI	1.5 – 2%
Break Strength:	12-19 pound