

# Hexoloy SE SiC Thermocouple Protection Tubes

## Saint-Gobain Ceramics Structural Ceramics Group Hexoloy®

Hexoloy® sintered alpha silicon carbide from Saint-Gobain Ceramics, Structural Ceramics Group, is an ideal material for high performance thermowell/thermocouple protection tubes. The a wide range of superior properties including:

- High temperature strength – won't slump at 3000<sup>o</sup>F even under load
- Excellent thermal shock resistance
- Universal corrosion resistance
- Superior oxidation resistance
- High thermal conductivity equal to stainless steel and 5 times alumina
- Exceptional wear resistance – 50% harder than tungsten carbide

Hexoloy thermocouple protection tubes are produced in custom lengths as shown in the chart. **Longer custom lengths up to 14 feet are available upon request.**

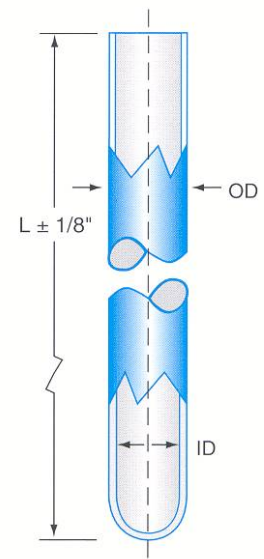
OD	ID	Tolerance	Custom Length-L (±1/8")	Quantity		
				1-5	6-25	26+
3/8"	1/4"	±.015	6" - 27"	\$186	\$171	\$157
5/8"	3/8"	±.025	6" - 27"	\$221	\$198	\$178
3/4"	1/2"	±.025	6" - 27"	\$228	\$207	\$185
1"	1/2"	±.030	6" - 27"	\$346	\$319	\$289
1-1/4"	3/4"	±.040	6" - 27"	\$471	\$442	\$391
1-1/4"	.922	±.040	6" - 27"	\$471	\$442	\$391
1-1/2"	1"	±.040	6" - 27"	\$546	\$501	\$442
3/8"	1/4"	±.015	>27" - 54"	\$281	\$250	\$221
5/8"	3/8"	±.025	>27" - 54"	\$281	\$250	\$221
3/4"	1/2"	±.025	>27" - 54"	\$310	\$281	\$250
1"	1/2"	±.030	>27" - 54"	\$531	\$481	\$428
1-1/4"	3/4"	±.040	>27" - 54"	\$724	\$649	\$577
1-1/4"	.922	±.040	>27" - 54"	\$724	\$649	\$577
1-1/2"	1"	±.040	>27" - 54"	\$1019	\$856	\$738

The information recommendations, and opinions set forth herein are offered solely for your consideration, inquiry and verification and are not, in part or total, to be construed as constituting a warranty or representation for which we assume legal responsibility. Nothing contained herein is to be interpreted as authorization to practice a patented invention without a license.

Hexoloy® is a registered trademark of Saint-Gobain Ceramics Corporation

#### Terms Summary:

- \*Prices shown are FCA Niagara Falls, NY
- \*Terms: Net 30 days
- \*Prices shown are in U.S. Dollars
- \*Minimum order value: \$500.00



Standard Tube Dimensions

### Saint-Gobain Ceramics

Structural Ceramics  
Hexoloy® Products  
23 Acheson Drive  
Niagara Falls, New York 14303  
Telephone: 716-278-6233  
Fax: 716-278-2373  
E-mail: [scd.sales@saint-gobain.com](mailto:scd.sales@saint-gobain.com)  
[www.hexoloy.com](http://www.hexoloy.com)

Effective January 1, 2010  
Form No. MK-001f  
Replaces January 1, 2009