

## GRADE LT1™ METALCERAMIC THERMOCOUPLE PROTECTION TUBE SPECIFICATIONS AND PRICES

### Description

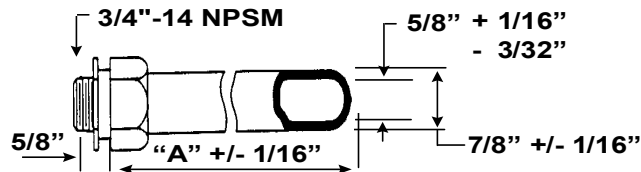
LT1™ MetalCeramic is a hard, abrasion-resistant, chromium and aluminum oxide composite. It has superior oxidation resistance to 2500°F (1370°C), thermal conductivity comparable to stainless steel, and good resistance to wetting by most liquid metals.

### Standard Tube Dimensions and Tolerances

Dim	English		Metric		Notes
OD	7/8"	±1/16"	22.2 mm	±1.6 mm	
ID	5/8"	+1/16" -3/32"	15.9 mm	+1.6 mm -2.4 mm	ID will pass a 33/64" Ø x 2" long (13.1 Ø x 50.8 long) probe through the full length of the tube
Length	A	±1/16"	A	±1.6 mm	
Straightness: Straight within 3/16" per foot of length, measured chord to arc					
Surface Appearance: 1. No pit or indentation can exceed 3/4" in major length or diameter; 2. No pit or indentation can exceed 1/32" in depth relative to the surrounding thermowell surface.					

### Type A Conn<sup>^</sup> & (optional)

EMT connector, gland compression, zinc plated steel body with zinc plated malleable iron nut, cemented to tube.



### Prices

Catalog Number	Nominal Length "A"		Weight		Price (USD)	
					Connector Type	
	Inches	mm	lbs	kg	None	Type A
LT19	9"	229	0.6	0.3	137.94	139.73
LT112	12"	305	0.8	0.4	160.02	161.81
LT118	18"	457	1.2	0.5	237.36	239.15
LT124	24"	610	1.8	0.8	318.38	320.17
LT130	30"	762	2	0.9	424.47	426.26
LT136	36"	914	2.6	1.2	498.99	500.78
LT148	48"	1219	3.5	1.6	994.69	996.48

Effective 3 Feb 11

Prices for custom sizes are available on request

5% discount for case lots:

9" to 36" long - 12 pieces

48" long - 4 pieces

All prices FOB Lawrenceburg, Tennessee, USA according to Incoterms 2010.

Price are subject to change without notice.

The price for non-standard lengths = Price of next larger size plus \$62, i.e., price for a 20" long tube = Price of next largest size of a 24" = \$318.38 + \$62.00 cutting charge = \$380.38.

All orders placed are subject to acceptance and to GrafTech's Standard Terms and Conditions.