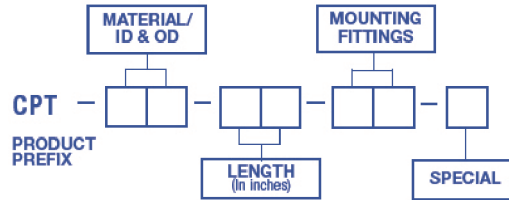


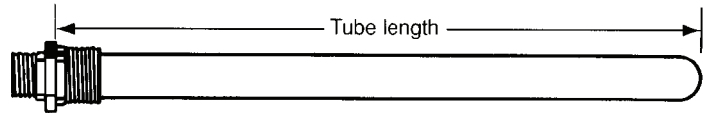
Ceramic Protection Tubes (CPT)

- High temperature to protect platinum or base metal thermocouples



Mullite Protection Tubes

- Maximum temperature range 2800°F
- Impervious to gasses at high temperature
- Good shock and chemical resistance



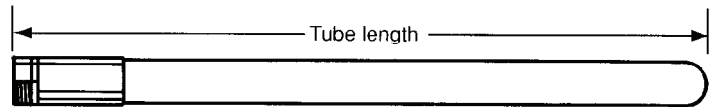
7/16" x 11/16" Mullite Protection Tube with 1/2" x 3/4" NPT Hex Fitting (1/2" fitting for use with connecting head), 16" long.

Example Ordering Number

CPT - **M 6** - **1 6** - **2 4** - **0**

Alumina Protection Tubes

- Maximum temperature range 3200°F
- Fair shock resistance, preheating recommended
- Resists chemicals, will not contaminate platinum
- Impervious to gasses at high temperature



7/16" x 11/16" Alumina Protection Tube with Brass Ferrule (threaded for use with open terminal head only). Similar ferrule available for 1/4" x 3/8" protection tube, 36" long.

Example Ordering Number

CPT - **A 6** - **3 6** - **B 3** - **0**

MATERIAL ID & OD		LENGTH (In Inches)	MOUNTING FITTINGS	SPECIAL
Mullite	Alumina			
M5 - 5mm X 7mm Mullite	A5 - 5mm X 7mm Alumina	Specify from 00" to 99"	00 - No Fitting	0 - None
M8 - 1/4" X 3/8" Mullite	A8 - 1/4" X 3/8" Alumina		B3 - Brass Sleeve	B - Open Both Ends
M3 - 3/8" X 1/2" Mullite	A2 - 5/16" X 1/2" Alumina		B4 - 3/4" X 1" Brass Hex Ftg	E - Effective Length
M6 - 7/16" X 11/16" Mullite	A3 - 3/8" X 1/2" Alumina		24 - 1/2" X 3/4" Hex Ftg	X - Special (Consult Factory)
M4 - 1/2" X 3/4" Mullite	A6 - 7/16" X 11/16" Alumina		05 - Pipe Nipple	
G0 - 1/2" X 3/4" Mullite G-0	A4 - 1/2" X 3/4" Alumina		06 - Ceramic Collar	
G2 - 1/2" X 3/4" Mullite G-2	A1 - 3/4" X 1" Alumina		D2 - 1/2" -Hex-1/2" Ftg	
M1 - 3/4" X 1" Mullite	A7 - 1" X 1-1/4" Alumina		D3 - 3/4" -Hex-3/4" Ftg	
M7 - 1" X 1-1/4" Mullite	A9 - 1-1/4" X 1-1/2" Alumina		D1 - 1" -Hex-1" Ftg	
M9 - 1-1/4" X 1-1/2" Mullite	A0 - 5mm X 8mm Alumina		H2 - Hex-1/2" Ftg	
12 - 1-5/8" X 1-7/8" Mullite	11 - 5/8" X 7/8" Alumina		H3 - Hex-3/4" Ftg	
13 - 1" X 2" Mullite	15 - 3/16" X 1/4" Alumina		C1 - 1-1/4" Coupling	
14 - 3/4" X 1-1/4" Mullite	18 - 1-5/8" X 1-7/8" Alumina		C2 - 1" Coupling	
16 - 5/16" X 7/16" Mullite	19 - 3/16" X 5/16" Alumina		C3 - 1-1/2" Coupling	
17 - 5/8" X 7/8" Mullite	20 - 15mm X 10mm Alumina		H1 - Hex-1" Ftg	
21 - 15mm X 11mm Mullite	22 - 1/8" X 3/16" Alumina		31 - 3/4" X 1" Hex Ftg	
M2 - 3/16" X 1/4" Mullite	26 - 9/16" X 3/4" Alumina		32 - 3/4" X 1-1/4" Hex Ftg	
23 - 9/16" X 3/4" Mullite	H3 - Hexoly		25 - 1" X 1-1/4" Hex Ftg	
	HM - 3/8" x 11/16" Halcic®		AS - Alloy Sleeve	
	HL - 5/16" x 5/8" Halcic®		21 - 1/2" X 1" Hex ftg	