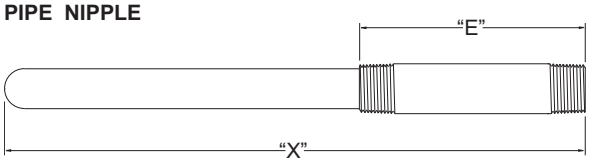
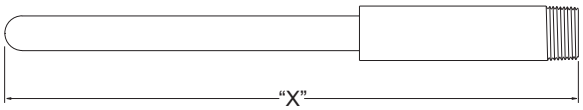
The thermocouple protection tubes illustrated on this catalog page are replacement tubes for Pyromation's complete ceramic protection tube thermocouple assemblies as found elsewhere in this catalog section, and they are compatible replacements for other manufacturers' protection tubes. The Series 16 mullite tubes are composed of 63% alumina, and have slightly more porosity than the Series 17 alumina tube composed of 99.7% alumina, which is considered to be more gas tight.

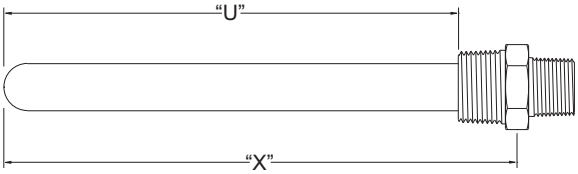
PIPE NIPPLE



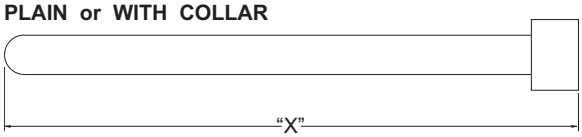
BRASS FERRULE for OPEN STYLE HEAD or NT OPTION



HEX FITTING



PLAIN or WITH COLLAR



ORDER CODES

Example Order Number: 1 **17A4** - 2 **18** - 3 **8**

1 Ceramic Protection Tube Materials - Sizes - Fittings

TUBE MATERIAL CODE		TUBE SIZE		COLLAR or FITTING STYLE and DESCRIPTION	FITTING TYPE - SIZE	
MULLITE 1482 ºC [2700 ºF]	*ALUMINA 1871 ºC [3400 ºF]*	ID (inches)	OD (inches)		PROCESS THREAD (inches)	TERM. THREAD (inches)
16AH	17AH	1/4	3/8	Steel hex fitting	1/2 NPT	1/2 NPT
16A1	17A1	1/4	3/8	Steel close nipple	1/2 NPT	1/2 NPT
16A(E)	17A(E)	1/4	3/8	Specify "E length" steel nipple	1/2 NPT	1/2 NPT
16AF	17AF	1/4	3/8	7/8" OD x 2" L brass ferrule for open head	None	7/8 x 27 UNS
16A	17A	1/4	3/8	Plain tube	None	None
16AC	N/A	1/4	3/8	Tube with 5/8" OD x 1/2" L collar	None	None
16BH	17BH	7/16	11/16	Steel hex fitting	3/4 NPT	1/2 NPT
16B1	17B1	7/16	11/16	Steel close nipple	3/4 NPT	3/4 NPT
16B(E)	17B(E)	7/16	11/16	Specify "E length" steel nipple	3/4 NPT	3/4 NPT
16BF	17BF	7/16	11/16	7/8" OD x 2" L brass ferrule for open head	None	7/8 x 27 UNS
16B	17B	7/16	11/16	Plain tube	None	None
16BC	N/A	7/16	11/16	Tube with 1" OD x 1/2" L collar	None	None
16CH	17CH	1/2	3/4	Steel hex fitting	3/4 NPT	1/2 NPT
16C1	17C1	1/2	3/4	Steel close nipple	3/4 NPT	3/4 NPT
16C(E)	17C(E)	1/2	3/4	Specify "E length" steel nipple	3/4 NPT	3/4 NPT
16C	17C	1/2	3/4	Plain tube	None	None
16CC	N/A	1/2	3/4	Tube w/1(1/8)" OD x 1/2" L collar	None	None
16WH	17WH	5/8	7/8	Steel hex fitting	1 NPT	3/4 NPT
16W1	17W1	5/8	7/8	Steel close nipple	1 NPT	1 NPT
16W(E)	17W(E)	5/8	7/8	Specify "E length" steel nipple	1 NPT	1 NPT
16W	17W	5/8	7/8	Plain tube	None	None
16EH	17EH	1	1(1/4)	Steel hex fitting	1(1/4) NPT	1 NPT
16E1	17E1	1	1(1/4)	Steel close nipple	1(1/4) NPT	1(1/4) NPT
16E(E)	17E(E)	1	1(1/4)	Specify "E length" steel nipple	1(1/4) NPT	1(1/4) NPT
16E	17E	1	1(1/4)	Plain tube	None	None

3 Options

CODE	DESCRIPTION
8	316 SS nipple or hex tube fitting
NT	No process mtg. threads on pipe nipples

2 Tube "X" Length

LENGTH (inches)
12
18
24
30
36
Specify other lengths in 1 inch increments.

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