

TF Series

Protective PFA Tubing

- Used for research and development on bare wire thermocouples, RTDs, and fiber optics
- Thin wall construction
- Extruded PTFE rated to 260 °C (500 °F)
- Color coded for easy identification
- Non-flammable
- Available in convenient 7.6 m (25 ft) or 30 m (100 ft) pre-spooled lengths

Description

TFE tubing offers superior abrasion protection and is excellent in insulating wires in moist or corrosive environments where temperatures do not exceed 260 °C (500 °F). All colors and gages are in stock for fast delivery.



Create your own
insulated thermocouple



Ordering Guide

Color	20 AWG	24 AWG	26 AWG	28 AWG	30 AWG
Black	TF-BK-20-*	TF-BK-24-*	TF-BK-26-*	TF-BK-28-*	TF-BK-30-*
Blue	TF-B-20-*	TF-B-24-*	TF-B-26-*	TF-B-28-*	TF-B-30-*
Purple	TF-P-20-*	TF-P-24-*	TF-P-26-*	TF-P-28-*	TF-P-30-*
Red	TF-R-20-*	TF-R-24-*	TF-R-26-*	TF-R-28-*	TF-R-30-*
White	TF-W-20-*	TF-W-24-*	TF-W-26-*	TF-W-28-*	TF-W-30-*
Yellow	TF-Y-20-*	TF-Y-24-*	TF-Y-26-*	TF-Y-28-*	TF-Y-30-*

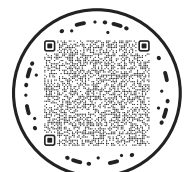
(*) Add 25 ft (7.6 m) or 100 ft (30.4 m) for needed spool length. Other lengths may be available - contact Sales.

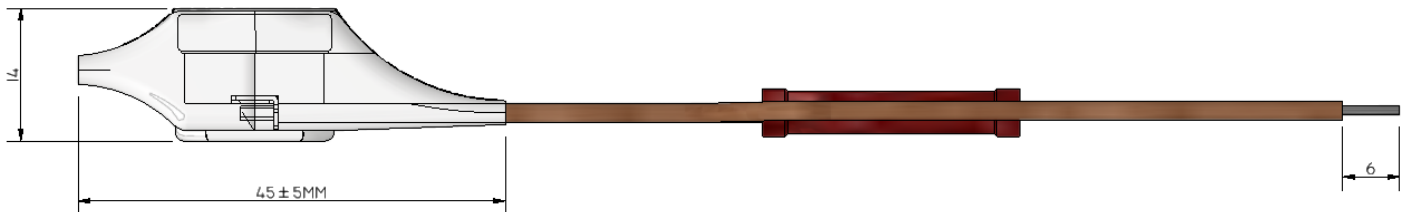
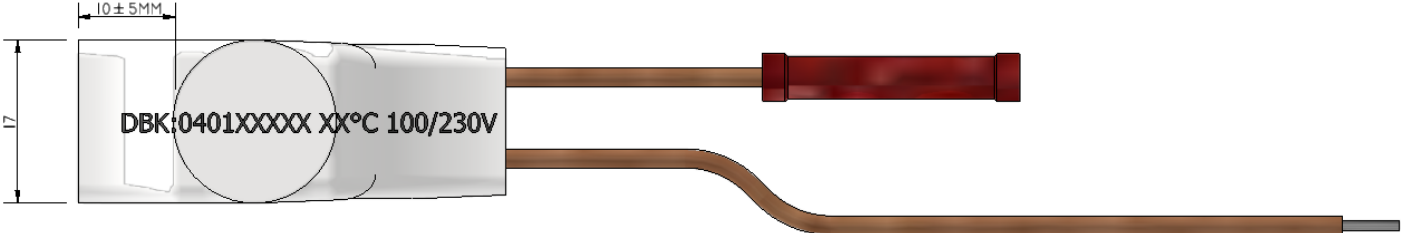
Ordering Example: *TF-R-24-25*, red PFA tubing for 24 gage wire, 25 feet long.

Dimensional Diagram

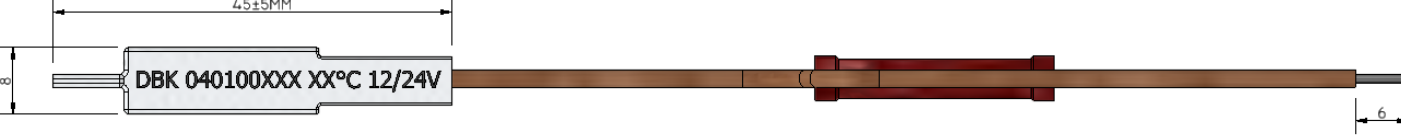
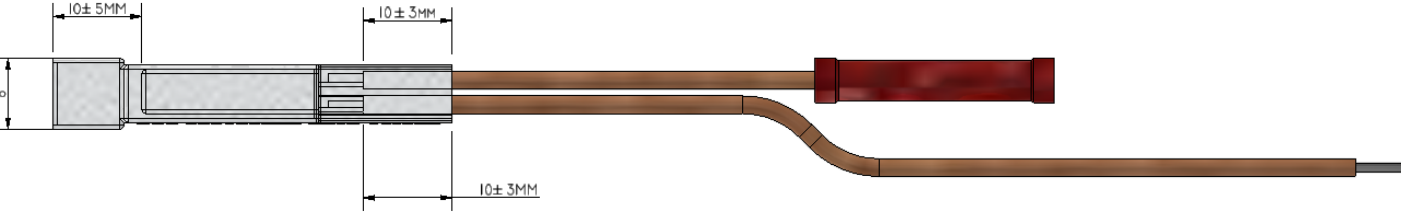
AWG Size	Inside Diameter (Nominal)	Wall Dimensions	
		Nominal	Tolerance
30	0.30 mm (0.012 in)	0.23 mm (0.009 in)	0.05 mm (0.002 in)
28	0.38 mm (0.015 in)	0.23 mm (0.009 in)	0.05 mm (0.002 in)
26	0.46 mm (0.018 in)	0.23 mm (0.009 in)	0.05 mm (0.002 in)
24	0.56 mm (0.022 in)	0.25 mm (0.010 in)	0.08 mm (0.003 in)
20	0.86 mm (0.034 in)	0.38 mm (0.015 in)	0.08 mm (0.003 in)

DS-TF





High Voltage



Low Voltage



DS-FGT