



# TF WIRE 60°C, 600 Volts

Thermoplastic insulated & sheathed. Oil & Moisture Resistant, Flame Retardant.



## SPECIFICATION APPLICATION

PHILFLEX Type TF WIRE meets and exceeds applicable UL 62 specification. PHILFLEX Type TF WIRE conductors are primarily used in installation on lighting fixtures and low power, low voltage remote control circuits where maximum conductor temperature does not exceed 60°C, 600 volts.

## Conductors: Insulation Color

Annealed (soft) copper,  
Tough heat and moisture resistant, and flame retardant Polyvinyl Chloride (PVC)  
White for single conductor, and red / black for 2 conductors (twisted wire).

Catalog No.	Size	Stranding No. / mm	Nom. Insulation Thickness	Approx. Over-all Diameter	Maximum Conductor Resistance @ 20 °C	Approx. Cable Weight	Ampacity
	mm		mm	mm	ohm / km	kg / km	A
TF18	1.024	1.024	0.80	2.62	22.40	13.90	6
TF16	1.290	1.290	0.80	2.89	13.827	19.24	8
	mm <sup>2</sup>						
TF18X	0.75	7 / 0.387	0.80	2.68	21.35	14.40	6
TF16X	1.25	7 / 0.488	0.80	2.98	13.43	20.00	8



# PHILFLEX®



**No. 1 Wires & Cables Brand**  
Serving the Local & Global Market  
A True Super Brand!

