

Teflon PTFE wire AFT250

Applications;

Teflon PTFE wire AFT250 is used in places where wires must handle high heat and tough conditions. It is commonly used in industrial machines, automotive wiring, electronic devices, and household appliances like ovens and heaters. It can also be used in laboratories and chemical environments because it resists heat and chemicals.

Technical Data

Conductor
Silver or Nickel Copper

Colour

○ White ● Blue ● Red
● Black ● Brown ● Yellow

Insulation
PTFE TEFLON (Extruded)

Temperature Rating
-80°C to +250°C

● Green ● Transparent

Voltage Rating Uo/U
600V

Insulator: PTFE TEFLON (Extruded)

Conductor

Product Parameter

Conductor			Insulation		Electrical Properties	Packing
Sectional Area mm ²	Conductor Construction NO.XØmm	Diameter mm	Insulation Thickness mm	Outer Diameter mm	Max. Conductor Resistance DC 20°C Ω/km	M/coil
0.05	1 x 0.25	0.25	0.20	0.65	376.2	500
0.07	1 x 0.30	0.30	0.20	0.70	245.0	500
0.12	1 x 0.40	0.40	0.225	0.85	144.1	500
0.16	1 x 0.45	0.45	0.25	0.95	126.0	500
0.20	1 x 0.50	0.50	0.30	1.10	83.5	500
0.08	7 x 0.12	0.36	0.25	0.86	227.0	500
0.15	7 x 0.16	0.48	0.25	0.98	126.0	500
0.20	7 x 0.20	0.60	0.25	1.10	83.5	500
0.35	19 x 0.16	0.80	0.30	1.40	49.5	200
0.50	19 x 0.18	0.90	0.35	1.60	36.7	200
0.75	19 x 0.23	1.15	0.35	1.85	22.7	200
1.00	19 x 0.26	1.30	0.35	2.00	19.0	200
1.20	19 x 0.28	1.40	0.40	2.20	15.3	200
1.50	19 x 0.32	1.60	0.40	2.40	11.7	200
2.00	19 x 0.37	1.85	0.45	2.75	9.45	100
2.50	19 x 0.41	2.05	0.55	3.15	6.86	100
4.00	37 x 0.37	2.58	0.50	3.58	4.51	100



Manufacture:

PTFE Tapes & Film (For Cable) | ePTFE Low Density PTFE Tapes & Film
 Unsintered PTFE Tapes & Film | Skived PTFE Tapes & Film
 PTFE wire & Cable | Mirco Teflon Wire & Cable
 Mirco Coaxial Cable

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