

# FEP (TEFLON) Insulated material

## Style UL10491 Hook-up Wire

Internal wiring of appliances and electronic equipment

### Description:

Conductor material Tinned or Bare copper  
 Rated temperature 105 °C  
 Rated voltage 300 V (Spark voltage 3000 V)  
 Flame resistance VW-1 or FT1  
 RoHS Compliant

### Specification:

Gauge (AWG)	Number of Strands	Gauge of Strands (AWG)	Nom. Dia. of Stranded Conductor		Nom. Fin. Wire Diam.		Max. Resistance (dc at 20°C) Ohm/per		Nom. Wt.	
			Inch	mm	Inch	mm	1000-ft	Km	LBS./1000 ft.	Kg/Km
6	266	30	.1882	4.78	.2276	5.78	0.4148	1.361	94.95	141.26
8	168	30	.1496	3.80	.1890	4.80	0.6795	2.23	62.43	92.88
10	19	23	.1209	3.07	.1469	3.73	1.08	3.55	39.29	58.46
12	19	25	.0906	2.30	.1165	2.96	1.72	5.64	23.10	34.37
14	19	27	.0740	1.88	.1000	2.54	2.73	8.96	16.34	24.31
16	1	16	.0512	1.30	.0669	1.70	4.26	14.0	9.55	14.21
16	19	29	.0591	1.50	.0748	1.90	4.45	14.6	9.85	14.66
18	1	18	.0402	1.02	.0559	1.42	6.77	22.2	6.18	9.20
18	7	26	.0465	1.18	.0622	1.58	7.06	23.2	6.46	9.62
18	19	31	.0465	1.18	.0622	1.58	7.06	23.2	6.39	9.51
20	1	20	.0320	0.813	.0438	1.11	10.7	35.2	3.87	5.77
20	7	29	.0374	0.95	.0492	1.25	11.2	36.7	3.83	5.70
20	19	33	.0374	0.95	.0492	1.25	11.2	36.7	4.10	6.10
22	1	22	.0252	0.64	.0370	0.94	17.2	56.4	2.55	3.79
22	7	30	.0299	0.76	.0417	1.06	18.1	59.4	2.94	4.38
22	19	35	.0299	0.76	.0417	1.06	18.1	59.4	2.73	4.06
24	1	24	.0201	0.51	.0319	0.81	27.3	89.3	1.74	2.59
24	7	32	.0240	0.61	.0358	0.91	28.7	94.2	1.91	2.84
24	19	36	.0252	0.64	.0370	0.94	28.7	94.2	2.06	3.06
26	1	26	.0157	0.40	.0276	0.70	43.5	143	1.18	1.76
26	7	34	.0197	0.50	.0315	0.80	45.8	150	1.35	2.01
26	19	38	.0197	0.50	.0315	0.80	45.8	150	1.40	2.08
28	1	28	.0126	0.32	.0244	0.62	69.3	227	0.85	1.26
30	1	30	.0100	0.254	.0218	0.55	110	361	0.62	0.92

### Order reference:

Colors available: 0-Black, 1-Brown, 2-Red, 3-Orange, 4-Yellow, 5-Green, 6-Blue, 7-Violet, 8-Grey, 9-White, 5/4 – Green W/ Yellow

Striping: Longitudinal and Parallel Stripes Available Per Request

Delivery: All Stocked Items Available for Immediate Shipment, 8 Week Lead Time for Non-stocked Items

Package: Stocked in Spools, Barrel Pack Available Per Request

Wire Processing: Cut, Strip, and Tinning Available