

# FEP (TEFLON) Insulated material

## Style UL1332 Hook-up Wire

Internal wiring of appliances and electronic equipment, Suitable for immersion in gasoline; gasoline vapor; 80°C in oil; and or 600 Volts peak for electronics use only.

### Description:

Conductor material of Tinned, Silvered or Nickel copper  
“\*” Conductor material used only silvered or Nickel copper per ASTM B3/33  
Rated temperature 200 °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
10	19	23	.1209	3.07	.1484	3.77	1.08	3.55	39.51	58.63
12	19	25	.0906	2.30	.1181	3.00	1.72	5.64	23.41	34.82
*14	19	27	.0740	1.88	.1000	2.54	2.73	8.96	16.22	24.07
16	1	16	.0512	1.30	.0772	1.96	4.26	14.0	10.67	15.84
*16	19	29	.0591	1.50	.0850	2.16	4.45	14.6	11.09	16.46
*16	26	30	.0591	1.50	.0850	2.16	4.45	14.6	10.94	16.23
18	1	18	.0402	1.02	.0661	1.68	6.77	22.2	7.14	10.58
18	7	26	.0465	1.18	.0724	1.84	7.06	23.2	7.52	11.14
*18	19	31	.0465	1.18	.0724	1.84	7.06	23.2	7.43	11.03
20	1	20	.0320	0.813	.0580	1.47	10.7	35.2	5.00	7.41
*20	7	29	.0374	0.95	.0634	1.61	11.2	36.7	5.33	7.91
*20	19	33	.0374	0.95	.0634	1.61	11.2	36.7	5.33	7.91
22	1	22	.0252	0.64	.0512	1.30	17.2	56.4	3.52	5.22
*22	7	30	.0299	0.76	.0559	1.42	18.1	59.4	4.07	6.02
*22	19	35	.0299	0.76	.0559	1.42	18.1	59.4	3.81	5.63
24	1	24	.0201	0.51	.0461	1.17	27.3	89.3	2.59	3.85
*24	7	32	.0240	0.61	.0500	1.27	28.7	94.2	2.85	4.23
*24	19	36	.0240	0.61	.0500	1.27	28.7	94.2	2.85	4.23
*26	7	34	.0197	0.50	.0457	1.16	45.8	150	2.19	3.25
*26	19	38	.0197	0.50	.0457	1.16	45.8	150	2.24	3.33
*28	1	28	.0126	0.32	.0386	0.98	69.3	227	1.53	2.28
*30	1	30	.0100	0.254	.0360	0.91	110	361	1.26	1.85

### 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