

## P.T.F.E./ TEFLON<sup>®</sup> INSULATED SILVER PLATED COPPER WIRES

Size in Awg	No. of Strands/ dia of each strand in M.M.	Cross Sectional Area of Conductor in M.M.	Conductor Dia (Nom.) in M.M.	Conductor resistance (D.C.) per 1000 Mtr. at 20°C in Ohms (Max.)	Elongation % (Min.)	Over all diameter of Insulated wire in M.M.						Max. Current Rating (in Amps.)	
						For 250 V Acrms Grade OR 'E.T.'		For 600 V Acrms Grade OR 'E.'		For 1000 V Acrms Grade OR 'E.E.'		30°C	200°C
						(Min.)	(Max.)	(Min.)	(Max.)	(Min.)	(Max.)		
32(1)	1/0.20	0.0324	0.200	557.7	5.5	-	-	0.64	0.86	0.86	1.07	-	-
30(1)	1/0.25	0.0507	0.250	356.4	9.0	0.51	0.61	0.67	0.86	0.91	1.12	2.0	5.0
28(1)	1/0.32	0.0806	0.320	224.4	9.0	0.58	0.69	0.74	0.94	0.99	1.19	3.0	7.0
26(1)	1/0.40	0.1282	0.400	140.9	9.0	0.66	0.76	0.81	1.02	1.07	1.27	4.0	9.0
24(1)	1/0.51	0.2047	0.510	88.4	15.0	0.76	0.86	0.91	1.12	1.17	1.37	5.0	13.0
22(1)	1/0.64	0.3243	0.640	56.1	20.0	0.86	1.02	1.04	1.27	1.30	1.52	6.0	15.0
20(1)	1/0.81	0.5168	0.810	34.7	20.0	1.07	1.17	1.22	1.42	1.47	1.68	8.0	18.0
30(7/38)	7/0.10	0.0568	0.310	332.3	5.5	0.56	0.66	0.71	0.91	0.97	1.17	3.0	6.0
28(7/36)	7/0.13	0.0887	0.380	210.5	5.5	0.64	0.74	0.79	0.99	1.04	1.25	3.5	7.0
26(7/34)	7/0.16	0.1409	0.480	133.7	9.0	0.74	0.84	0.89	1.09	1.14	1.35	4.0	8.0
24(7/32)	7/0.20	0.2270	0.610	83.2	9.0	0.86	0.97	1.02	1.22	1.27	1.47	6.0	13.0
22(7/30)	7/0.25	0.3547	0.760	52.5	13.5	1.02	1.12	1.17	1.37	1.42	1.63	7.0	15.0
20(7/28)	7/0.32	0.5630	0.970	33.0	13.5	1.2	1.32	1.37	1.58	1.63	1.83	9.0	19.0
18(7/26)	7/0.40	0.8969	1.220	20.7	13.5	-	-	1.63	1.88	1.88	2.13	15.0	32.0
26(19/38)	19/0.10	0.1540	0.510	126.7	5.5	0.74	0.84	0.89	1.09	1.14	1.35	4.0	9.0
24(19/36)	19/0.13	0.2407	0.640	80.2	9.0	0.86	0.97	1.02	1.22	1.27	1.47	6.0	14.0
22(19/34)	19/0.16	0.3820	0.810	49.8	9.0	1.02	1.12	1.17	1.37	1.42	1.63	7.0	17.0
20(19/32)	19/0.20	0.6162	1.020	30.3	9.0	1.22	1.32	1.37	1.58	1.63	1.83	9.0	20.0
18(19/30)	19/0.25	0.9627	1.270	19.1	13.5	-	-	1.63	1.88	1.88	2.13	15.0	33.0
16(19/29)	19/0.29	1.2293	1.450	14.9	13.5	-	-	1.85	2.21	2.11	2.41	18.0	42.0
15(19/28)	19/0.32	1.5272	1.600	12.5	13.5	-	-	2.00	2.23	2.20	2.42	21.0	48.0
14(19/27)	19/0.36	1.9412	1.830	9.5	13.5	-	-	2.24	2.59	2.49	2.90	23.0	55.0
12(19/25)	19/0.45	3.0848	2.310	6.0	13.5	-	-	2.72	3.07	2.97	3.38	35.0	87.0
11(19/24)	19/0.50	3.7320	2.500	5.0	13.5	-	-	2.91	3.26	3.16	3.56	40.0	95.0
10(19/22)	19/0.64	6.1147	3.200	3.0	13.5	-	-	-	-	3.86	4.26	45.0	100.0
16(37/32)	37/0.20	1.2000	1.400	15.0	13.5	-	-	1.90	1.95	1.90	2.25	18.0	40.0
14(37/30)	37/0.25	1.8886	1.750	10.0	13.5	-	-	2.25	2.37	2.35	2.65	25.0	55.0
12(37/28)	37/0.32	2.9742	2.240	6.5	13.5	-	-	2.79	2.89	2.84	3.22	33.0	80.0
10(37/26)	37/0.40	4.7397	2.820	3.9	13.5	-	-	3.23	3.58	3.48	3.89	43.0	85.0
08(133/29)	133/0.29	8.6054	4.290	2.5	13.5	-	-	-	-	5.06	5.56	50.0	90.0
06(133/27)	133/0.36	13.5889	5.410	1.4	13.5	-	-	-	-	6.20	6.93	60.0	110.0
04(133/25)	133/0.45	21.5900	6.750	1.2	13.0	-	-	-	-	7.75	8.40	75.0	125.0
02(133/23)	133/0.57	33.9514	8.550	-	13.0	-	-	-	-	9.75	10.70	100.0	160.0
0(133/21)	133/0.71	52.7749	10.650	-	-	-	-	-	-	11.85	12.80	135.0	200.0

- NOTE :** TEFLON<sup>®</sup> IS THE TRADE NAME OF DUPONT.
1. The above is just for information and not a specification.
  2. The above ratings are for single core cable free in air.

**TANYA** IS THE NAME OF QUALITY & RELIABILITY