

Specifications of PTFE wires

Size	Number of Strands, Diameter of each strand		Dia. of Conductor	Cross Sectional Area	ET 250 V		E600V		EE 1000 V		Max Resistance of Conductor Ohms/1000 metres at 20c	Current Rating
					Dia. over Insulation		Dia. over Insulation		Dia. over Insulation			
AWG	AWG	(mm)	(mm)	(mm)	Min	Max	Min	Max	Min	Max	(amps)	
					(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		
32	7/40	7/0.08	0.25	0.035	0.5	0.06	0.66	0.86	0.91	1.11	567.57	0.7
30	1/30	1/0.25	0.25	0.049	0.5	0.6	0.66	0.86	0.91	1.11	354.32	1
30	7/38	7/0.10	0.31	0.055	0.55	0.66	0.71	0.91	0.96	1.16	330.37	1
28	1/28	1/0.32	0.32	0.08	0.58	0.68	0.73	0.93	0.99	1.19	223.09	2.1
28	7/36	7/0.13	0.38	0.093	0.63	0.73	0.78	0.99	1.04	1.24	209.31	2.1
26	1/26	1/0.40	0.4	0.125	0.66	0.76	0.81	1.01	1.06	1.27	140.09	3
26	7/34	7/0.16	0.48	0.14	0.73	0.83	0.88	1.09	1.14	1.34	132.87	3
26	19/38	19/0.10	0.51	0.149	0.73	0.83	0.88	1.09	1.14	1.34	125.98	3
24	1/24	1/0.51	0.51	0.204	0.76	0.86	0.91	1.11	1.16	1.37	87.92	4
24	7/32	7/0.20	0.61	0.219	0.86	0.96	1.01	1.21	1.27	1.47	82.67	4
24	19/36	19/0.13	0.64	0.252	0.86	0.96	1.01	1.21	1.27	1.47	79.72	4
22	19/36	1/0.64	0.64	0.321	0.88	1.01	1.04	1.27	1.29	1.52	55.77	7.3
22	1/22	7/0.25	0.76	0.343	1.01	1.11	1.16	1.37	1.42	1.62	52.16	7.3
22	7/30	19/0.16	0.81	0.382	1.01	1.11	1.16	1.37	1.42	1.52	49.543	7.3
20	19/34	1/0.81	0.81	0.515	1.06	1.16	1.21	1.42	1.47	1.67	34.44	11
20	1/20	7/0.32	0.97	0.562	1.21	1.32	1.37	1.57	1.62	1.82	32.8	11
20	19/32	19/0.20	1.02	0.596	1.21	1.32	1.37	1.57	1.62	1.82	30.15	11
18	7/26	7/0.40	1.22	0.879			1.63	1.87	1.87	2.13	20.6	16
18	19/30	19/0.25	1.27	0.932			1.63	1.87	1.87	2.13	18.99	16
16	19/29	19/0.29	1.45	1.254			1.85	2.2	2.1	2.41	14.82	22
15	19/28	19/0.32	1.6	1.528			1.98	2.28	2.26	2.54	12.09	26
14	19/27	19/0.36	1.83	1.933			2.23	2.59	2.48	2.89	9.44	32
13	19/26	19/0.40	2	2.387			2.43	2.74	2.66	3.02	7.59	35
12	19/25	19/0.45	2.31	3.021			2.71	3.07	2.97	3.37	5.93	41
12	37/28	37/0.32	2.26	2.975			2.66	3.02	2.92	3.32	6.23	41
11	19/24	19/0.50	2.5	3.73			2.99	3.3	3.2	3.58	4.72	45
10	19/22	19/0.65	3.25	6.304			3.73	4.03	3.96	4.34	2.99	55
10	37/26	37/0.4	2.82	4.649			3.22	3.58	3.47	3.88	3.51	50
8	133/29	133/0.29	4.29	8.784					5.05	5.56	2.15	75
6	133/27	133/0.36	5.41	13.537					6.42	6.93	1.37	100