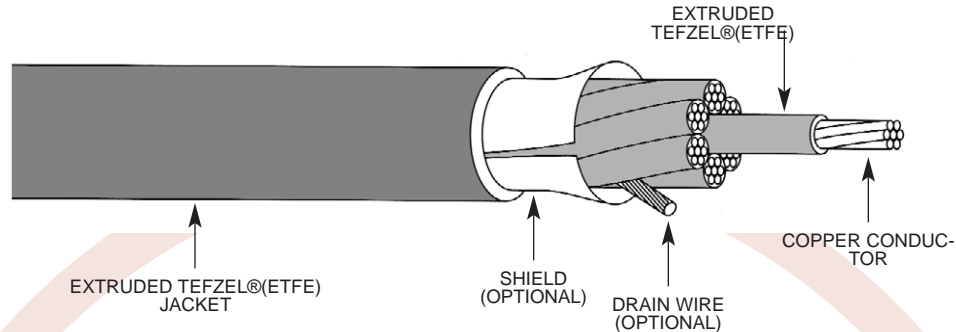


TEFZEL® INSULATED TRAY CABLE

Type TC
600 Volts, 150° C
#18 - #6 AWG



DESCRIPTION

Conductor

Solid or stranded coated or uncoated soft annealed copper class B, C, or D per ASTM B-33.

Primary Insulation

Extruded ETFE-Ethylene Tetrafluoroethylene Fluoropolymer (Tefzel®).

Color Code

ICEA S-61402 Method 1 is standard, (Fully pigmented base color conductors 1-9 with tracers after the 9th conductor). Other color codes are available and must be specified.

Shield

Aluminum backed with mylar film with drain wires available for pairs, triads or as an overall shield providing 100% coverage. An optional tinned copper braid shield is available overall.

Cable Binder

Overall mylar or PTFE coated glass tape may be applied over the cable core assembly.

Overall Jacket

Extruded ETFE-Ethylene Tetrafluoroethylene Fluoropolymer (Tefzel®). Optional galvanized steel or aluminum interlocked armor available with or without jacket.

APPLICATIONS

Multi-Conductor UL Listed Tray Cables DuPont TEFZEL® Insulation and jackets conforming to Articles 318 (Cable Trays) and 340 (Power and Control Cable Type TC) and Subject 1277 of Underwriters Laboratories Inc. Cables insulated with DuPont Tefzel® have been proven to exceed the requirements of the 70,000 BTU "Cable Tray Propagation Test" per IEEE-383 and passes UL VW-1 Vertical Wire Flame Propagation Test. Rated 600 volts, 90°C damp or dry locations or 150°C special applications. OSHA acceptable. Recognized for use in NEC par.501-.4(b), Class 1, Division 2 hazardous locations. Cables insulated with Tefzel® fluoropolymer reduce costly plant shutdowns as a result of conventional cable deterioration due to aggressive chemical attack, high temperatures, and mechanical damage. Tefzel® withstands these onslaughts singly or in combination. Tefzel® remains flexible, even at arctic temperatures. Tefzel® Tray Cables are compact and have a low coefficient of friction allowing easy cable pulls. Its toughness provides resistance against cut-through, crush and abrasion. Specify interlocked armor for extreme mechanical protection.

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HIGH TEMPERATURE

TEFZEL® INSULATED TRAY CABLE

PART NUMBER	CONDUCTOR SIZE		NO. OF COND.	PRIMARY WALL		CORE O.D.		JKT		NOMINAL O.D.		APPROX. NET WEIGHT	
	AWG	MM2		MILS	MM	MILS	MM	MILS	MM	IN.	MM	#/M	KG/KM
08-0381	18	.75	2	20	.508	176	.036	.030	.76	.236	5.99	31	46
08-0383	18	.75	3	20	.508	190	.047	.030	.76	.250	6.35	40	60
08-0385	18	.75	4	20	.508	212	.053	.030	.76	.212	5.38	49	73
08-0387	18	.75	5	20	.508	238	.056	.030	.76	.298	7.57	59	88
08-0389	18	.75	7	20	.508	264	.065	.030	.76	.234	5.94	77	115
08-0391	18	.75	9	20	.508	325	.075	.030	.76	.385	9.78	100	149
08-0393	18	.75	12	20	.508	372	.087	.030	.76	.432	10.97	128	190
08-0395	18	.75	16	20	.508	420	.100	.030	.76	.480	12.19	164	244
08-0397	18	.75	19	20	.508	446	.109	.045	1.14	.536	13.61	208	310
08-0399	18	.75	25	20	.508	527	.125	.045	1.14	.617	15.67	266	396
08-0401	18	.75	37	20	.508	622	.152	.045	1.14	.712	18.08	375	558
08-0403	16	1.5	2	20	.508	196	.041	.030	.76	.256	6.50	39	58
08-0405	16	1.5	3	20	.508	212	.054	.030	.76	.272	6.90	52	77
08-0407	16	1.5	4	20	.508	236	.060	.030	.76	.296	7.52	65	97
08-0409	16	1.5	5	20	.508	265	.064	.030	.76	.325	8.25	78	116
08-0411	16	1.5	7	20	.508	294	.074	.030	.76	.354	8.90	104	155
08-0413	16	1.5	9	20	.508	361	.086	.030	.76	.421	10.69	133	198
08-0415	16	1.5	12	20	.508	414	.099	.030	.76	.474	12.03	172	256
08-0417	16	1.5	16	20	.508	467	.114	.045	1.14	.557	14.14	241	359
08-0419	16	1.5	19	20	.508	496	.124	.045	1.14	.586	14.88	279	415
08-0421	16	1.5	25	20	.508	586	.142	.045	1.14	.676	17.17	358	533
08-0423	16	1.5	37	20	.508	692	.173	.045	1.14	.782	19.86	509	757
08-0425	14	2.5	2	20	.508	224	.055	.030	.76	.284	7.21	52	77
08-0427	14	2.5	3	20	.508	242	.059	.030	.76	.302	7.67	70	104
08-0429	14	2.5	4	20	.508	270	.066	.030	.76	.330	8.38	89	132
08-0431	14	2.5	5	20	.508	302	.074	.030	.76	.362	9.19	108	161
08-0433	14	2.5	7	20	.508	336	.082	.030	.76	.396	10.00	144	214
08-0435	14	2.5	9	20	.508	411	.099	.030	.76	.471	11.96	186	277
08-0437	14	2.5	12	20	.508	472	.114	.045	1.14	.562	14.27	260	387
08-0439	14	2.5	16	20	.508	532	.129	.045	1.14	.622	15.79	335	499
08-0441	14	2.5	19	20	.508	566	.137	.045	1.14	.656	16.66	389	579
08-0443	14	2.5	25	20	.508	669	.162	.045	1.14	.759	19.28	502	747
08-0445	14	2.5	37	20	.508	790	.192	.060	1.52	.910	23.11	750	1,116
08-0447	12	4	2	20	.508	248	.065	.030	.76	.308	7.82	67	100
08-0449	12	4	3	20	.508	268	.070	.030	.76	.328	8.33	92	137
08-0451	12	4	4	20	.508	299	.078	.030	.76	.359	9.12	118	176
08-0453	12	4	5	20	.508	335	.087	.030	.76	.395	10.03	144	214
08-0455	12	4	7	20	.508	372	.097	.030	.76	.432	10.97	194	289
08-0457	12	4	9	20	.508	455	.117	.045	1.14	.545	13.84	268	399
08-0459	12	4	12	20	.508	522	.134	.045	1.14	.612	15.54	347	516
08-0461	12	4	16	20	.508	589	.152	.045	1.14	.679	17.25	449	668
08-0463	12	4	19	20	.508	626	.161	.045	1.14	.716	18.18	524	780
08-0465	10	6	2	20	.508	296	.075	.030	.76	.356	9.04	91	135
08-0467	10	6	3	20	.508	320	.081	.030	.76	.380	9.65	127	189
08-0469	10	6	4	20	.508	357	.091	.030	.76	.417	10.59	164	244
08-0471	10	6	5	20	.508	400	.102	.030	.76	.460	11.68	200	298
08-0473	8	10	2	30	.762	440	.115	.045	1.14	.500	12.70	163	243
08-0475	8	10	3	30	.762	475	.124	.045	1.14	.565	14.35	249	371
08-0477	8	10	4	30	.762	530	.138	.045	1.14	.620	15.75	320	477
08-0479	8	10	5	30	.762	594	.155	.045	1.14	.684	17.37	392	583
08-0481	6	16	2	30	.762	524	.137	.045	1.14	.614	15.59	255	379
08-0483	6	16	3	30	.762	566	.148	.045	1.14	.656	16.66	357	531
08-0485	6	16	4	30	.762	631	.164	.045	1.14	.721	18.31	462	688
08-0487	6	16	5	30	.762	707	.184	.060	1.52	.827	21.00	596	887

Larger sizes, number of conductors and ground wires are available upon request.

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Sales and Ordering: 1-800-458-1222