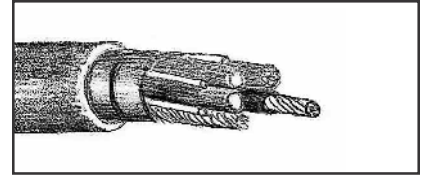


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## TYPE TC - SHIELDED TFN/TFFN Insulation - PVC Jacket 600 Volt 90°C Aluminum-Mylar Shield

**Application:** For critical circuits, e.g. Instrumentation, control and communication, where shielding from ambient interference is necessary, rated 600 Volt. Installation: Cables approved for cable tray use in hazardous areas, raceways, in open air or direct burial, and where supported by messenger wire. • May be installed in both wet or dry locations or in areas exposed to chemicals and oils. • Maximum Conductor Temperatures (continuous): TFFN Dry locations: 90°C • **Ampacity:** See Ampacity Tables located in Technical Reference Section in this catalog. **Specifications:** • **Conductors:** Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8. Sizes 18 AWG - 16 AWG. • **Insulation:** Heat and moisture resistant polyvinylchloride (PVC), per UL Standard 62. • **Assembly:** Conductors are cabled together with or without fillers as required to form a round, compact cable core and with a binder tape. • **Shield:** Aluminum-mylar tape with a tinned stranded copper drain wire applied over the cable. • **Cable Jacket:** Sunlight resistant PVC rated 90°C • **Flame Test:** Cable passes IEEE 383 vertical tray ribbon-burner flame test.

Catalog No.	Size AWG	No. of Conductors	No. of Strands	Drain Wire	Insulation Mils		PVC Jacket Thickness Mils	Overall Diameter	Net Weight
					PVC	Nylon			
P01L16	18	2	7	22	15	4	45	.320"	52 lbs/mft
P02L16	18	3	7	22	15	4	45	.335"	61 lbs/mft
P03L16	18	4	7	22	15	4	45	.360"	70 lbs/mft
P04L16	18	6	7	22	15	4	45	.420"	96 lbs/mft
P05L16	18	8	7	22	15	4	45	.450"	110 lbs/mft
P06L16	18	12	7	22	15	4	45	.510"	170 lbs/mft
P07L16	18	37	7	22	15	4	60	.744"	383 lbs/mft
P08L16	16	2	7	22	15	4	45	.310"	61 lbs/mft
P09L16	16	3	7	22	15	4	45	.365"	78 lbs/mft
P10L16	16	4	7	22	15	4	45	.390"	92 lbs/mft
P11L16	16	5	7	22	15	4	45	.420"	108 lbs/mft
P12L16	16	6	7	22	15	4	45	.450"	120 lbs/mft
P13L16	16	7	7	22	15	4	45	.450"	130 lbs/mft
P14L16	16	8	7	22	15	4	45	.480"	142 lbs/mft
P15L16	16	12	7	22	15	4	45	.590"	215 lbs/mft
P16L16	16	19	7	22	15	4	60	.690"	310 lbs/mft
P17L16	16	37	7	22	15	4	80	.940"	610 lbs/mft

\* Shipping Tolerances +/-10%

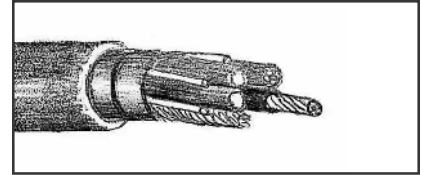
**1-800-945-5542**

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## TYPE TC - SHIELDED THHN/THWN Insulation - PVC Jacket 600 Volt 90°C Aluminum-Mylar Shield

**Application:** For critical circuits, e.g. Instrumentation, control and communication, where shielding from ambient interference is necessary, rated 600 Volt. Installation: Cables approved for cable tray use in hazardous areas, raceways, in open air or direct burial, and where supported by messenger wire. • May be installed in both wet or dry locations or in areas exposed to chemicals and oils. • Maximum Conductor Temperatures (continuous): THWN Wet locations: 75°C THHN Dry locations: 90°C • Ampacity: See Ampacity Tables located in Technical Reference Section in this catalog. **Specifications:** • Conductors: Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8. Sizes 14 AWG - 10 AWG. • Insulation: Heat and moisture resistant polyvinylchloride (PVC), per UL Standard 83. • Assembly: Conductors are cabled together with or without fillers as required to form a round, compact cable core and with a binder tape. • Conductor Jacket: A clear nylon, per UL Standard 83. • Shield: Aluminum-mylar tape shield with a drain wire. • Cable Jacket: Sunlight resistant PVC rated 90°C • Flame Test: Cable passes IEEE 383 vertical tray ribbon-burner flame test. Sunlight resistant PVC rated 90°C.

Catalog No.	Size AWG	No. of Conductors	No. of Strands	Drain Wire	Insulation Mils		PVC Jacket Thickness Mils	Overall Diameter	Net Weight
					PVC	Nylon			
P01L17	14	2	7	20	15	4	45	.390"	84 lbs/mft
P02L17	14	3	7	20	15	4	45	.410"	100 lbs/mft
P03L17	14	4	7	20	15	4	45	.450"	120 lbs/mft
P04L17	14	5	7	20	15	4	45	.480"	140 lbs/mft
P05L17	14	7	7	20	15	4	45	.510"	180 lbs/mft
P06L17	14	9	7	20	15	4	45	.620"	240 lbs/mft
P07L17	14	12	7	20	15	4	60	.670"	290 lbs/mft
P08L17	14	19	7	20	15	4	60	.780"	430 lbs/mft
P09L17	14	37	7	20	15	4	60	1.050"	817 lbs/mft
P10L17	12	2	7	18	15	4	45	.435"	105 lbs/mft
P11L17	12	3	7	18	15	4	45	.450"	125 lbs/mft
P12L17	12	4	7	18	15	4	45	.490"	155 lbs/mft
P13L17	12	5	7	18	15	4	45	.560"	190 lbs/mft
P14L17	12	7	7	18	15	4	45	.600"	240 lbs/mft
P15L17	12	9	7	18	15	4	60	.690"	320 lbs/mft
P16L17	12	12	7	18	15	4	60	.750"	400 lbs/mft
P17L17	12	19	7	18	15	4	60	.910"	600 lbs/mft
P18L17	12	37	7	18	15	4	60	1.210"	800 lbs/mft
P19L17	10	2	7	18	20	4	45	.500"	140 lbs/mft
P20L17	10	3	7	18	20	4	45	.560"	180 lbs/mft
P21L17	10	4	7	18	20	4	45	.605"	230 lbs/mft
P22L17	10	5	7	18	20	4	60	.650"	284 lbs/mft

\* Shipping Tolerances +/-10%

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