

## THHN TRAY CABLES - UNSHIELDED TYPE TC 90°C DRY - 75°C WET - NEC® ARTICLE 340 - 600 VOLT

### Construction

#### Conductors:

- Stranded soft annealed copper.

#### Insulation:

- 90°C polyvinyl chloride (PVC).

#### Insulation Jacket:

- Applied directly over the PVC insulation is a tough nylon sheath offering protection to the insulation, type THHN.

#### Color Code:

- Conductors are dual identified with color coding per ICEA Method 1, Table K-2 and alphanumeric printing per ICEA Method 4.
- See Chart #24.

#### Cabling:

- The specified number of conductors are cabled with fillers where needed. A suitable tape is applied over the assembly.

#### Overall Jacket:

- A heavy-duty black PVC jacket to meet UL requirements is applied over the assembled core.

#### Applications:

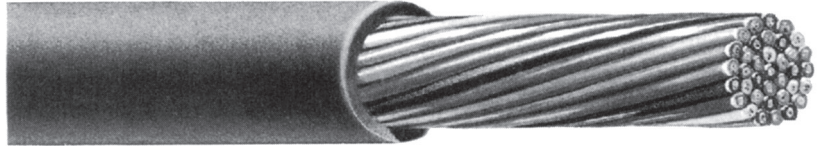
- THHN Tray Cable is suitable for use in conduit, duct, tray or rack. It may be used in free air when supported by a messenger or for direct burial. Its small diameter facilitates installation and conserves space. It may be installed in cable trays in accordance with Articles 318, 340, and 725 of the NEC. It may be used in Class I, Div. II hazardous locations as allowed under Articles 318, 340 and 501. It is a Class I Cable as defined by Articles 725 and 760.

#### Rating:

- 90°C Dry, 75°C Wet, 600 Volt.

#### Features:

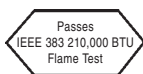
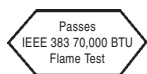
- THHN/THWN conductors allow for a small diameter cable.
- Tough PVC Jacket.
- UL Listed as Type TC or 600 Volts 90°C.
- Meets IEEE 383 Flame Test with 70,000 BTU as well as 210,000 BTU Flame Source.
- Moisture and Sunlight Resistant.
- Meets appropriate sections of NEC Articles 300, 318, 340, 501 and 725.
- UL Listed for Direct Burial.



CUSTOM CATALOG NUMBER	SIZE AWG/MCM	NO. OF COND'S	NOMINAL THICKNESS (INCHES)			NOMINAL O.D.	NOMINAL WEIGHT
			INSULATION	NYLON	JACKET	INCHES	LBS/MFT
<b>STRANDED</b>							
9438	14	2 (Flat)	0.015	0.004	0.045	0.210x0.320	64
9439	14	3	0.015	0.004	0.045	0.340	87
9440	14	4	0.015	0.004	0.045	0.370	107
9441	14	5	0.015	0.004	0.045	0.400	129
9443	14	7	0.015	0.004	0.045	0.440	162
9445	14	9	0.015	0.004	0.060	0.510	221
9446	14	10	0.015	0.004	0.060	0.560	237
9448	14	12	0.015	0.004	0.060	0.590	281
9451	14	15	0.015	0.004	0.060	0.650	340
9455	14	19	0.015	0.004	0.060	0.700	408
9456	14	20	0.015	0.004	0.060	0.720	424
9460	14	24	0.015	0.004	0.060	0.780	508
9461	14	25	0.015	0.004	0.060	0.790	526
9462	14	26	0.015	0.004	0.080	0.800	582
9466	14	30	0.015	0.004	0.080	0.900	666
9472	14	36	0.015	0.004	0.080	0.970	780
9473	14	37	0.015	0.004	0.080	0.970	794
9476	12	2 (Flat)	0.015	0.004	0.045	0.230x0.360	83
9477	12	3	0.015	0.004	0.045	0.380	113
9478	12	4	0.015	0.004	0.045	0.420	145
9479	12	5	0.015	0.004	0.045	0.450	175
9480	12	6	0.015	0.004	0.045	0.500	199
9481	12	7	0.015	0.004	0.045	0.500	223
9483	12	9	0.015	0.004	0.060	0.610	304
9484	12	10	0.015	0.004	0.060	0.630	327
9486	12	12	0.015	0.004	0.060	0.670	388
9489	12	15	0.015	0.004	0.060	0.730	466
9493	12	19	0.015	0.004	0.060	0.790	581
9494	12	20	0.015	0.004	0.080	0.820	647
9498	12	24	0.015	0.004	0.080	0.930	768
9499	12	25	0.015	0.004	0.080	0.940	796
9500	12	26	0.015	0.004	0.080	0.960	822
9504	12	30	0.015	0.004	0.080	1.020	938
9511	12	37	0.015	0.004	0.080	1.100	1134
9514	10	2 (Flat)	0.020	0.004	0.045	0.260x0.430	115
9515	10	3	0.020	0.004	0.045	0.460	167
9516	10	4	0.020	0.004	0.045	0.500	212
9517	10	5	0.020	0.004	0.060	0.580	269
9519	10	7	0.020	0.004	0.060	0.630	352
9521	10	9	0.020	0.004	0.060	0.730	445
9522	10	10	0.020	0.004	0.060	0.770	490
9524	10	12	0.020	0.004	0.060	0.810	579

Note: Dupont® color code available on special request.

Additional conductors available on special order. Consult factory for details and specifications.



# Custom Cable Corp.