

VNTC - PVC/Nylon Insulation – PVC Jacket – 18 AWG

VNTC® - PVC Jacket
90°C - 600 Volt - UL Type TC
ER Rated*



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Fully annealed stranded bare copper per ASTM B3 Class B stranding per ASTM B8

Category Insulation Description:

- Flame-retardant Polyvinyl Chloride (PVC) with clear Polyamide (nylon)

Category Jacket Description:

- Lead-free, flame-retardant, sunlight-resistant Polyvinyl Chloride (PVC)

Applications:

- In free air, raceways, and direct burial
- In wet or dry locations
- Approved for direct burial
- Class 1, Division 2 industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) use in accordance with NEC for 3 or more conductors

Standards:

- RoHS compliant
- IEEE 1202
- UL 83 NEC Type THHN/THWN conductors
- UL 1581
- *UL 1277 Type TC-ER for 3 or more conductors
- Rated for UV/Sunlight Resistance

Part Number Table

Part#	Houston Wire & Cable	Gauge	Conductors	Jacket Thickness	Outside Diameter Inches	Material Weight (Lbs./M')
A11802F	HW15001802	18	2 Flat	0.045	0.285	34
A11802R	HW15001802	18	2	0.045	0.27	36
A11803	HW15001803	18	3	0.045	0.285	44
A11804	HW15001804	18	4	0.045	0.31	54
A11805	HW15001805	18	5	0.045	0.335	64
A11806	HW15001806	18	6	.045	.364"	76
A11807	HW15001807	18	7	0.045	0.36	83
A11809	HW15001809	18	9	0.045	0.42	105
A11810	HW150 01810	18	10	0.045	0.425	114
A11812	HW15001812	18	12	0.045	0.445	132
A11815	HW15001815	18	15	0.045	0.485	171
A11819	HW15001819	18	19	0.06	0.57	205
A11825	HW15001825	18	25	0.06	0.655	275
A11830	HW15001630	18	30	0.06	0.695	310
A11837	HW15001837	18	37	0.06	0.745	379

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances. *ER Rating only applies to 3 conductors or more; A11802F has a flat construction.

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