



CATEGORY
ELECTRICAL
CONDUIT

AMMO ITEM #

PVC-20-40-E

Company: _____

Job: _____ #Item: _____

Notes: _____

PVC Conduit Schedule 40 Maximum 90°C Wire



Intertek

QUALITY CONTROL DEPARTMENT

- Manufactured with rigid Polyvinyl Chloride (PVC-U) compound according to the specifications of the UL 651 and ASTM D 1784 STANDARD
- No odor or taste, and physical and chemical properties will be equal to or better than those specified in UL 651



COMPOUND CHARACTERISTICS	TESTING METHOD
Base Resin: VCM (Homopolymer)	-
Impact resistance (Izod)	ASTM D256 (A)
Tensile strength of the material	ASTM D638
Modulus of Elasticity in Tension	ASTM D638
Deflection Temperature Under Load	ASTM D648
Flammability: Self-extinguishing	ASTM 635-91
Color: Light Gray	-

QUALITY REQUIREMENTS BASED ON UI 651 STANDARD

- **Impact Resistance Test**
Resistance according to its diameter and type
- **Extrusion Quality Test**
Not show visible delamination after 20 minutes of immersion in Anhydrous Acetone, the level and homogeneity of gelation is observed
- **Transverse Crushing Resistance Test**
Compressed up to 40% of the external diameter
- **Crushing Resistance Test**
Compressed until reaching the indicated load and in the indicated compression percentage without suffering breaks or failures
- **Water Absorption Test**
Finished rigid PVC conduit shall not absorb any more water than 0.50 percent of its own weight while immersed for 24 hours in distilled water
- **Low temperature handling test**
Conduit must remain free of break, cracks, or other failure when subjected to a free fall to the ground after being tempered at -20 C for 5 hours
- **Tensile strength test**
Resistance equal to or greater in oven-conditioned test tubes than those presented in unconditioned test tubes
- **Test of permanence of the printing**
The labeling of the tubes withstands continuous rubbing after being tempered in hot cold water and hot oil

TEMPERATURE RANGE

Tested and listed for 90°C Conductors

COMPLIANCE

NFPA 70 compliant

ELECTRICAL CONDUIT



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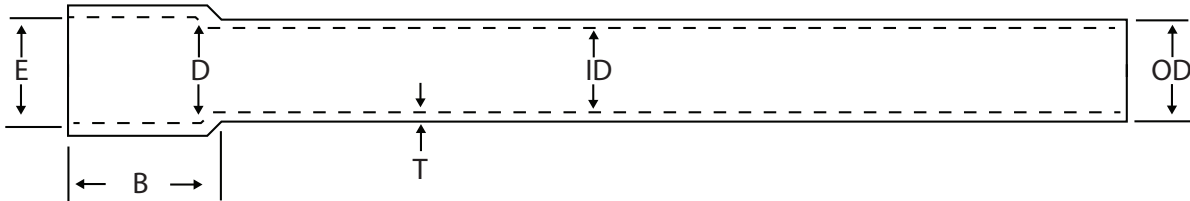
PVC Conduit Schedule 40

Maximum 90°C Wire



Schedule 40 PVC Conduit are manufactured with rigid Polyvinyl Chloride (PVC-U) compound according to the specifications of the UL 651 and ASTM D 1784 STANDARD

- Designed for underground and above ground usage
- Sunlight resistant
- Rigid nonmetallic raceway for wires and cables
- Meets the requirements of ANSI/NEMA TC2
- Plain end connections are solvent weld
- 20' lengths (10' also available)



PVC Conduit Sch.40 (20ft)

AMMO#	SIZE	WALL THICKNESS (in)	AVERAGE OD	AVERAGE ID	AVERAGE ENTRANCE E	AVERAGE BOTTOM D	LENGTH FEET	BELL END B	WEIGHT (g)	PKG FT	UPC
1/2-20-PVC-40-E	1/2"	0.109	0.84	0.578	0.852	0.836	20	1.75	1525.00	12,000	837654126066
3/4-20-PVC-40-E	3/4"	0.113	1.05	0.78	1.064	1.046	20	2.25	2074.00	8,800	837654126073
1-20-PVC-40-E	1"	0.133	1.315	1.004	1.330	1.310	20	2.25	3050.00	7,200	837654126080
1-1/4-20-PVC-40-E	1-1/4"	0.14	1.66	1.335	1.677	1.655	20	2.25	4026.00	6,600	837654126097
1-1/2-20-PVC-40-E	1-1/2"	0.145	1.9	1.564	1.918	1.894	20	2.75	4880.00	4,500	837654126103
2-20-PVC-40-E	2"	0.15	2.375	2.021	2.393	2.369	20	4.00	6527.00	2,800	837654126110
2-1/2-20-PVC-40-E	2-1/2"	0.203	2.875	2.414	2.890	2.868	20	4.00	10675.00	1,860	837654126127
3-20-PVC-40-E	3"	0.216	3.5	3.008	3.515	3.492	20	4.00	13420.00	1,760	837654126134
3-1/2-20-PVC-40-E	3-1/2"	0.226	4	3.486	4.015	3.992	20	4.00	16897.00	1,260	837654126141
4-20-PVC-40-E	4"	0.237	4.5	3.961	4.515	4.491	20	5.00	19337.00	1,140	837654126158
5-20-PVC-40-E	5"	0.258	5.563	4.975	5.593	5.553	20	5.75	27059.60	760	837654126165
6-20-PVC-40-E	6"	0.280	6.625	5.986	6.658	6.614	20	6.50	35136.00	520	837654126172
8-20-PVC-40-E	8"	0.332	8.625	7.853	8.670	8.610	20	6.50	52899.20	360	837654126189

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