



CATEGORY
**ELECTRICAL
 CONDUIT**

AMMO ITEM #

PVC-20-80-E

Company: _____
 Job: _____ #Item: _____
 Notes: _____

PVC Conduit Schedule 80 Maximum 90°C Wire



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

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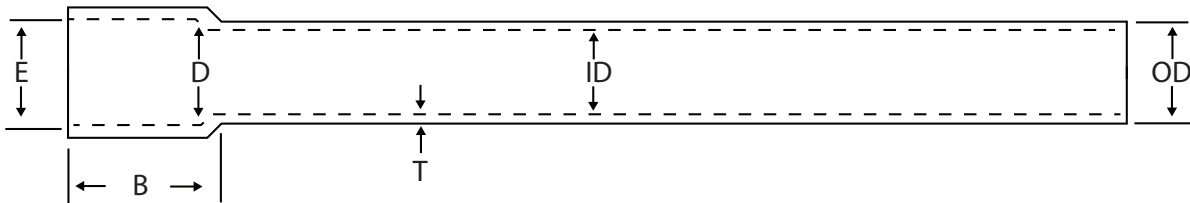
PVC Conduit Schedule 80

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.80 (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-80-E	1/2	0.147	0.840	0.502	0.852	0.836	20	1.75	1921.50	12,000	837654126318
3/4-20-PVC-80-E	3/4	0.154	1.050	0.698	1.064	1.046	20	2.25	2653.50	8,800	837654126325
1-20-PVC-80-E	1	0.179	1.315	0.910	1.330	1.310	20	2.25	3904.00	7,200	837654126332
1-1/4-20-PVC-80-E	1-1/4	0.191	1.660	1.227	1.677	1.655	20	2.25	5490.00	6,600	837654126349
1-1/2-20-PVC-80-E	1-1/2	0.200	1.900	1.446	1.918	1.894	20	2.75	6588.00	4,500	837654126356
2-20-PVC-80-E	2	0.218	2.375	1.881	2.393	2.369	20	4.00	8540.00	2,800	837654126363
2-1/2-20-PVC-80-E	2-1/2	0.276	2.875	2.250	2.890	2.869	20	4.00	13664.00	1,860	837654126370
3-20-PVC-80-E	3	0.300	3.500	2.820	3.515	3.492	20	4.00	18300.00	1,760	837654126387
3-1/2-20-PVC-80-E	3-1/2	0.318	4.000	3.280	4.015	3.992	20	4.00	23222.00	1,260	837654126394
4-20-PVC-80-E	4	0.337	4.500	3.737	4.515	4.491	20	5.00	26230.00	1,140	837654126400
5-20-PVC-80-E	5	0.375	5.563	4.713	5.593	5.553	20	5.75	36508.50	760	837654126417
6-20-PVC-80-E	6	0.432	6.625	5.646	6.658	6.614	20	6.50	54442.50	520	837654126424
8-20-PVC-80-E	8*	0.500	8.625	7.455	8.670	8.609	20	6.50	64434.30	360	837654126431

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