



CATEGORY
**ELECTRICAL
 CONDUIT**

AMMO ITEM #

PVC-20-80

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: PVC (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	-

STANDARD: UL LISTED SUNLIGHT RESISTANT ABOVE & BELOW GROUND USE

COMPLIANCE

NFPA 70 compliant

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 30 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**
Not show mass variation after immersion in water as indicated
- **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 4 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

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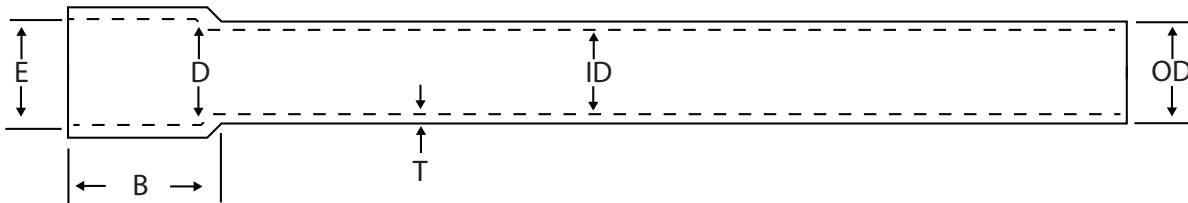
PVC Conduit Schedule 80

Maximum 90°C Wire



Schedule 80 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 (on request)



PVC Conduit Sch.80 (20ft)

AMMO#	SIZE	MINIMUM WALL (T)	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	1/2"	0.147	0.840	0.502	0.852	0.836	20	1.77	1940	12,000	837654102565
3/4-20-PVC-80	3/4"	0.154	1.050	0.698	1.064	1.046	20	2.16	2620	8,800	837654102572
1-20-PVC-80	1"	0.179	1.315	0.910	1.330	1.310	20	2.56	3870	7,200	837654102589
1-1/4-20-PVC-80	1-1/4"	0.191	1.660	1.227	1.677	1.655	20	3.15	5350	6,600	837654102596
1-1/2-20-PVC-80	1-1/2"	0.2	1.900	1.446	1.918	1.894	20	3.15	6750	4,500	837654102602
2-20-PVC-80	2"	0.218	2.375	1.881	2.393	2.369	20	3.15	9450	2,800	837654102619
2-1/2-20-PVC-80	2-1/2"	0.276	2.875	2.250	2.890	2.869	20	3.15	13610	1,860	837654102626
3-20-PVC-80	3"	0.3	3.500	2.820	3.515	3.492	20	3.94	18210	1,760	837654102633
3-1/2-20-PVC-80	3-1/2"	0.318	4.000	3.280	4.015	3.992	20	3.94	22550	1,260	837654102640
4-20-PVC-80	4"	0.337	4.500	3.737	4.515	4.491	20	3.94	26850	1,140	837654102657
5-20-PVC-80	5"	0.375	5.563	4.713	5.593	5.553	20	3.94	37750	760	837654102664
6-20-PVC-80	6"	0.432	6.625	5.646	6.658	6.614	20	5.90	50650	520	837654102671

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