



CATEGORY
**ELECTRICAL
 CONDUIT & WIRES**

AMMO ITEM #

PVC-10-80

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

PVC Conduit Schedule 80



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 AND BELOW GROUND USE

TEMPERATURE RANGE

- Designed for use with wires rated 75° C or less
- Even if encapsulated in concrete, the ambient temperature is 50°C or less
- Use with wires rated 90°C or less in concrete in trenches outside buildings

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

ELECTRICAL CONDUIT AND WIRES



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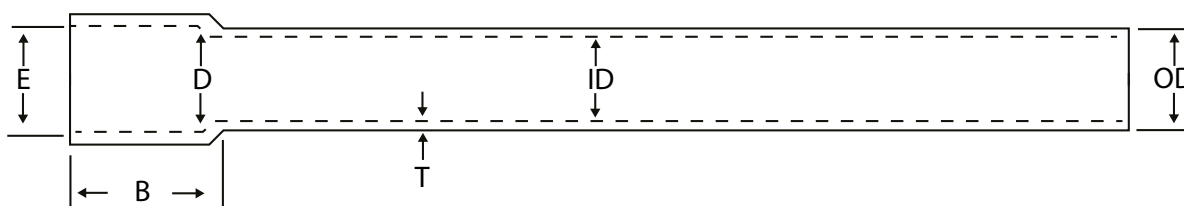
PVC-10-80

PVC Conduit Schedule 80



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
- Rated for use with 90° C conductors
- Sunlight resistant
- Rigid nonmetallic raceway for wires and cables
- Meets the requirements of ANSI/NEMA TC2
- Plain end connections are solvent weld
- 10' Lengths (on request)



PVC Conduit Sch.80 (10ft)

AMMO#	SIZE	MINIMUM WALL (T)	AVERAGE OD	AVERAGE ID	AVERAGE ENTRANCE E	AVERAGE BOTTOM D	LENGHT FEET	BELL END B	WEIGHT (g)	PKG FT	UPC
1/2-10-PVC	1/2"	0.147	0.840	0.502	0.852	0.836	10	1.77	970	6,000	837654102084
3/4-10-PVC	3/4"	0.154	1.050	0.698	1.064	1.046	10	2.16	1310	4,400	837654102091
1-10-PVC	1"	0.179	1.315	0.910	1.330	1.310	10	2.56	1940	3,600	837654102107
1-1/4-10-PVC	1-1/4"	0.191	1.660	1.227	1.677	1.655	10	3.15	2680	3,300	837654102114
1-1/2-10-PVC	1-1/2"	0.200	1.900	1.446	1.918	1.894	10	3.15	3380	2,250	837654102121
2-10-PVC	2"	0.218	2.375	1.881	2.393	2.369	10	3.15	4730	1,400	837654102138
2-1/2-10-PVC	2-1/2"	0.276	2.875	2.250	2.890	2.869	10	3.15	6810	930	837654102145
3-10-PVC	3"	0.300	3.500	2.820	3.515	3.492	10	3.94	9110	880	837654102152
3-1/2-10-PVC	3-1/2"	0.318	4.000	3.280	4.015	3.992	10	3.94	11280	630	837654102169
4-10-PVC	4"	0.337	4.500	3.737	4.515	4.491	10	3.94	13430	570	837654102176
5-10-PVC	5"	0.375	5.563	4.713	5.593	5.553	10	3.94	18880	380	837654102183
6-10-PVC	6"	0.432	6.625	5.646	6.658	6.614	10	5.90	25330	260	837654102190

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