



CATEGORY  
**ELECTRICAL  
 CONDUIT**

AMMO ITEM #

**PVC-10-80-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

## ELECTRICAL CONDUIT



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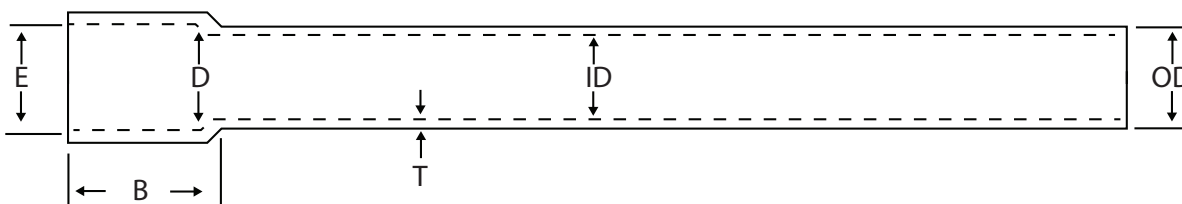
# PVC Conduit Schedule 80

## 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
- 10' lengths (20' also available)



### PVC Conduit Sch.80 (10ft)

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
1/2-10-PVC-80-E	1/2	0.147	0.840	0.502	0.852	0.836	10	1.75	960.75	6,000	837654126196
3/4-10-PVC-80-E	3/4	0.154	1.050	0.698	1.064	1.046	10	2.25	1326.75	4,400	837654126202
1-10-PVC-80-E	1	0.179	1.315	0.910	1.330	1.310	10	2.25	1952.00	3,600	837654126219
1-1/4-10-PVC-80-E	1-1/4	0.191	1.660	1.227	1.677	1.655	10	2.25	2745.00	3,300	837654126226
1-1/2-10-PVC-80-E	1-1/2	0.200	1.900	1.446	1.918	1.894	10	2.75	3294.00	2,250	837654126233
2-10-PVC-80-E	2	0.218	2.375	1.881	2.393	2.369	10	4.00	4270.00	1,400	837654126240
2-1/2-10-PVC-80-E	2-1/2	0.276	2.875	2.250	2.890	2.869	10	4.00	6832.00	930	837654126257
3-10-PVC-80-E	3	0.300	3.500	2.820	3.515	3.492	10	4.00	9150.00	880	837654126264
3-1/2-10-PVC-80-E	3-1/2	0.318	4.000	3.280	4.015	3.992	10	4.00	11611.00	630	837654126271
4-10-PVC-80-E	4	0.337	4.500	3.737	4.515	4.491	10	5.00	13115.00	570	837654126288
5-10-PVC-80-E	5	0.375	5.563	4.713	5.593	5.553	10	5.75	18254.25	380	837654126295
6-10-PVC-80-E	6	0.432	6.625	5.646	6.658	6.614	10	6.50	27221.25	260	837654126301
8-10-PVC-80-E	8*	0.500	8.625	7.455	8.670	8.609	10	6.50	32217.15	180	837654126554

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