



CATEGORY  
**ELECTRICAL  
 CONDUIT**

AMMO ITEM #

**PVC-10-40-E**

Company: \_\_\_\_\_  
 Job: \_\_\_\_\_ #Item: \_\_\_\_\_  
 Notes: \_\_\_\_\_

# PVC Conduit Schedule 40 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	-

### TEMPERATURE RANGE

- Tested and listed for 90°C Conductors

### 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

## ELECTRICAL CONDUIT



Ammo Electric Inc.

400 MARTIN LUTHER KING JR WAY, BRIDGETON, NJ 08302  
 PHONE : (718).338.1851 FAX : (718).228.1851  
 orders@ammoelectric.com

www.ammoelectric.com



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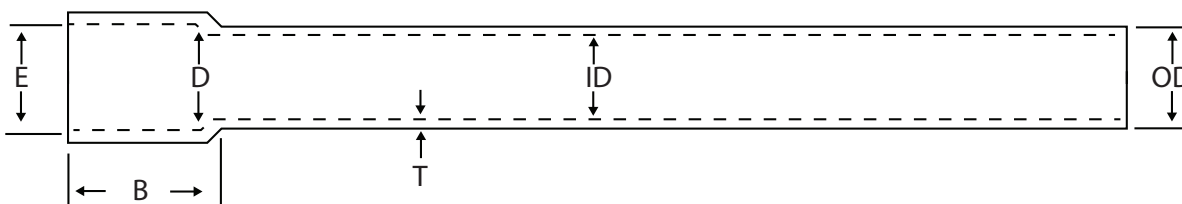
# PVC Conduit Schedule 40

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



### PVC Conduit Sch.40 (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-40-E	1/2"	0.109	0.84	0.578	0.852	0.836	10	1.75	762.50	6,000	837654125946
3/4-10-PVC-40-E	3/4"	0.113	1.05	0.78	1.064	1.046	10	2.25	1037.00	4,400	837654125953
1-10-PVC-40-E	1"	0.133	1.315	1.004	1.330	1.310	10	2.25	1525.00	3,600	837654125960
1-1/4-10-PVC-40-E	1-1/4"	0.14	1.66	1.335	1.677	1.655	10	2.25	2013.00	3,300	837654125977
1-1/2-10-PVC-40-E	1-1/2"	0.145	1.9	1.564	1.918	1.894	10	2.75	2440.00	2,250	837654125984
2-10-PVC-40-E	2"	0.15	2.375	2.021	2.393	2.369	10	4.00	3263.50	1,400	837654125991
2-1/2-10-PVC-40-E	2-1/2"	0.203	2.875	2.414	2.890	2.868	10	4.00	5337.50	930	837654126004
3-10-PVC-40-E	3"	0.216	3.5	3.008	3.515	3.492	10	4.00	6710.00	880	837654126011
3-1/2-10-PVC-40-E	3-1/2"	0.226	4	3.486	4.015	3.992	10	4.00	8448.50	630	837654126028
4-10-PVC-40-E	4"	0.237	4.5	3.961	4.515	4.491	10	5.00	9668.50	570	837654126035
5-10-PVC-40-E	5"	0.258	5.563	4.975	5.593	5.553	10	5.75	13529.80	380	837654126042
6-10-PVC-40-E	6"	0.28	6.625	5.986	6.658	6.614	10	6.50	17568.00	260	837654126059
8-10-PVC-40-E	8"	0.322	8.625	7.853	8.670	8.610	10	6.50	26449.60	180	837654126547

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