



CATEGORY
**ELECTRICAL
 CONDUIT & WIRES**

AMMO ITEM #

PVC-10-40

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

PVC Conduit Schedule 40



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

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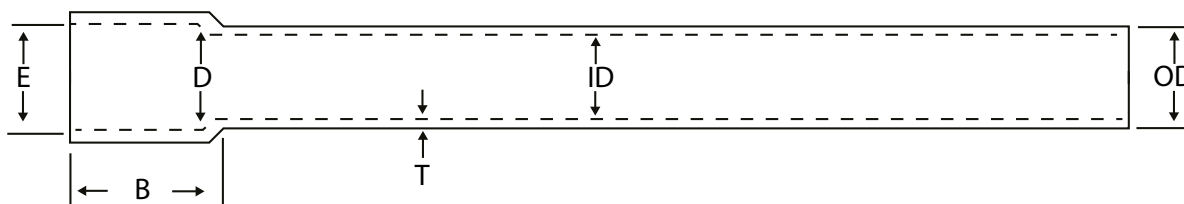
PVC-10-40

PVC Conduit Schedule 40



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
- 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.40 (10ft)

AMMO#	SIZE	MINIMUM WALL (T)	AVERAGE OD	AVERAGE ID	AVERAGE ENTRANCE E	AVERAGE BOTTON D	LENGHT FEET	BELL END B	WEIGHT (g)	PKG FT	UPC
1/2-10-PVC	1/2"	0.109	0.84	0.578	0.852	0.836	10	1.77	760	6,000	837654102442
3/4-10-PVC	3/4"	0.113	1.05	0.78	1.064	1.046	10	2.16	1040	4,400	837654102459
1-10-PVC	1"	0.133	1.315	1.004	1.33	1.31	10	2.56	1490	3,600	837654102466
1-1/4-10-PVC	1-1/4"	0.14	1.66	1.335	1.677	1.655	10	3.15	2090	3,300	837654102473
1-1/2-10-PVC	1-1/2"	0.145	1.9	1.564	1.918	1.894	10	3.15	2410	2,250	837654102480
2-10-PVC	2"	0.15	2.375	2.021	2.393	2.369	10	3.15	3240	1,400	837654102497
2-1/2-10-PVC	2-1/2"	0.203	2.875	2.414	2.89	2.869	10	3.15	5160	930	837654102503
3-10-PVC	3"	0.216	3.5	3.008	3.515	3.492	10	3.94	6830	880	837654102510
3-1/2-10-PVC	3-1/2"	0.226	4	3.486	4.015	3.992	10	3.94	8280	630	837654102527
4-10-PVC	4"	0.237	4.5	3.961	4.515	4.491	10	3.94	9680	570	837654114537
5-10-PVC	5"	0.258	5.563	4.975	5.593	5.553	10	3.94	13450	380	837654114544
6-10-PVC	6"	0.28	6.625	5.986	6.658	6.614	10	5.9	1750	260	837654114551
8-10-PVC*	8"	0.322	8.625	7.853	8,67	8.61	10	5.9	26800	180	837654114568

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