



CATEGORY
**ELECTRICAL
 CONDUIT**

AMMO ITEM #

PVC-20-40

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 & 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

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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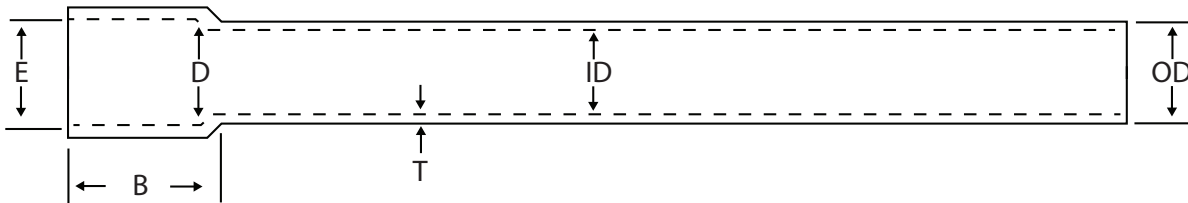
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PVC Conduit Schedule 40



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
- 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.40 (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-40	1/2"	0.109	0.84	0.578	0.852	0.836	20	1.77	1520	12,000	837654114445
3/4-20-PVC-40	3/4"	0.113	1.05	0.78	1.064	1.046	20	2.16	2070	8,800	837654114452
1-20-PVC-40	1"	0.133	1.315	1.004	1.33	1.31	20	2.56	2980	7,200	837654114469
1-1/4-20-PVC-40	1-1/4"	0.14	1.66	1.335	1.677	1.655	20	3.15	4170	6,600	837654114476
1-1/2-20-PVC-40	1-1/2"	0.145	1.9	1.564	1.918	1.894	20	3.15	4810	4,500	837654114483
2-20-PVC-40	2"	0.15	2.375	2.021	2.393	2.369	20	3.15	6470	2,800	837654114490
2-1/2-20-PVC-40	2-1/2"	0.203	2.875	2.414	2.89	2.869	20	3.15	10310	1,860	837654114506
3-20-PVC-40	3"	0.216	3.5	3.008	3.515	3.492	20	3.94	13650	1,760	837654102510
3-1/2-20-PVC-40	3-1/2"	0.226	4	3.486	4.015	3.992	20	3.94	16550	1,260	837654102527
4-20-PVC-40	4"	0.237	4.5	3.961	4.515	4.491	20	3.94	19350	1,140	837654102534
5-20-PVC-40	5"	0.258	5.563	4.975	5.593	5.553	20	3.94	26900	760	837654102541
6-20-PVC-40	6"	0.280	6.625	5.986	6.658	6.614	20	5.9	34900	520	837654102558
8-20-PVC-40*	8"	0.332	8.625	7.853	8.67	8.61	20	-	53600	360	837654111079

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