



CATEGORY
**ELECTRICAL
 CONDUIT & WIRES**

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 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



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

www.ammoelectric.com



CATEGORY
**ELECTRICAL
CONDUIT & WIRES**

AMMO ITEM #

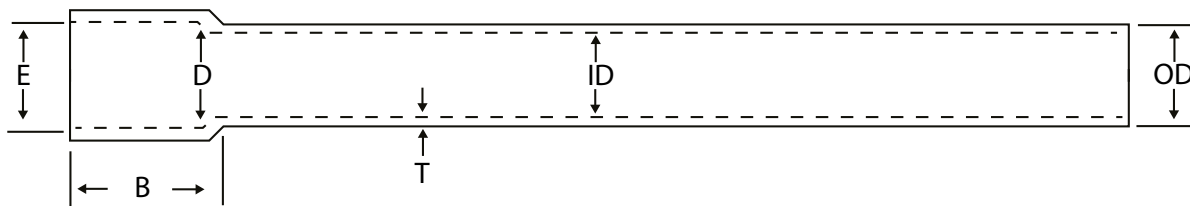
PVC-20-40

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
- 20' 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
1/2-20-PVC	1/2"	0.109	0.84	0.578	0.852	0.836	20	1.77	1520	12,000	837654114445
3/4-20-PVC	3/4"	0.113	1.05	0.78	1.064	1.046	20	2.16	2070	8,800	837654114452
1-20-PVC	1"	0.133	1.315	1.004	1.33	1.31	20	2.56	2980	7,200	837654114469
1-1/4-20-PVC	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	1-1/2"	0.145	1.9	1.564	1.918	1.894	20	3.15	4810	4,500	837654114483
2-20-PVC	2"	0.15	2.375	2.021	2.393	2.369	20	3.15	6470	2,800	837654114490
2-1/2-20-PVC	2-1/2"	0.203	2.875	2.414	2.89	2.869	20	3.15	10310	1,860	837654114506
3-20-PVC	3"	0.216	3.5	3.008	3.515	3.492	20	3.94	13650	1,760	837654102510
3-1/2-20-PVC	3-1/2"	0.226	4	3.486	4.015	3.992	20	3.94	16550	1,260	837654102527
4-20-PVC	4"	0.237	4.5	3.961	4.515	4.491	20	3.94	19350	1,140	837654102534
5-20-PVC	5"	0.258	5.563	4.975	5.593	5.553	20	3.94	26900	760	837654102541
6-20-PVC	6"	0.280	6.625	5.986	6.658	6.614	20	5.9	34900	520	837654102558
8-20-PVC*	8"	0.332	8.625	7.853	8,67	8.61	20	-	53600	180	837654111079

ELECTRICAL CONDUIT AND WIRES



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

www.ammoelectric.com