

CATEGORY
ELECTRICAL
CONDUIT & WIRES
AMMO ITEM #
PVC-10-40

PVC Conduit Schedule 40



OUALITY 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 resistence (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
- \bullet 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





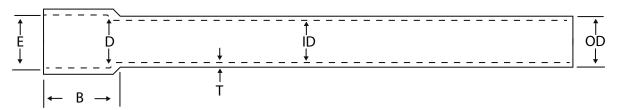


PVC Conduit Schedule 40



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)

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

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