

TUBO CONDUIT PVC SCH40

Descripción

Tubos de PVC tipo SCH 40, con certificación UL diseñado para canalizar y resguardar conductores eléctricos. Apto para instalaciones expuestas tanto interiores como exteriores.

Sectores de Aplicación

- ▶ Servicios públicos
- ▶ Estacionamientos
- ▶ Cables
- ▶ Lavaderos de autos
- ▶ Comunicaciones
- ▶ Planta de pescado
- ▶ Residencial
- ▶ Minas
- ▶ Aeropuertos
- ▶ Puertos deportivos
- ▶ Metro
- ▶ Acerías
- ▶ Puentes y túneles
- ▶ Planta de tratamiento de aguas residuales
- ▶ Industrias de pulpa y papel
- ▶ Alumbrado público y de carreteras
- ▶ Planta de procesamiento de alimentos



Certificados



Aplicaciones

- ▶ Utilizado en la canalización y protección de conductores eléctricos en instalaciones eléctricas de sectores industrial, comercial y residencial.
- ▶ Apto para montaje expuesto en ambientes interiores o exteriores.
- ▶ Puede instalarse enterrado en zanjas, con o sin recubrimiento de concreto, embebido en muros de bloques o paredes livianas, así como en instalaciones aéreas o expuestas sobre estructuras.

Características generales

- ▶ Fácil instalación.
- ▶ Resistencia a esfuerzos (impacto y tensión)
- ▶ Resistencia a la corrosión.
- ▶ No conductor.
- ▶ Resistente al sol.
- ▶ Resistencia química
- ▶ Apto para uso en temperatura ambiente 70°C

Propiedades Físicas de CPLAST

Eléctricas



Propiedades	Unidad	Valor	Prueba ASTM
Resistencia Dieléctrica	Volts/mil	1215	D149
Constante Dieléctrica	60cps a 30°C	3.55	D150
	1000cps a 30°C	3.22	D150
Factor Potencia	60cps a 30°C	4.04	D150
	1000cps a 30°C	4.71	D150

Físicas



Propiedades	Unidad	Valor	Prueba ASTM
Gravedad Específica		13.5	D792
Dureza	Durometer D	78	D676
Resistencia impacto Izod a 23°C	Lb.pies/plg	15	D256
Resistencia Tensil a 23°C	Psi	6000	D638
Resistencia Compresión	Psi	8600	D695
Resistencia a la Flexión	Psi	11500	D790

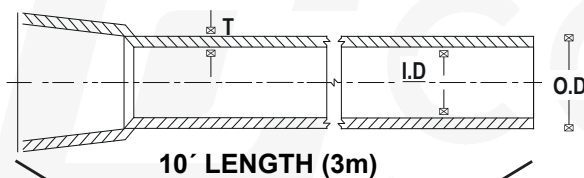
Térmicas



Propiedades	Unidad	Valor	Prueba ASTM
Coeficiente de conductividad térmica	BTU/seg/plg ² /°F/plg	0.11	C177
Coeficiente de expansión lineal	Por °Fx10 ⁻⁵	5.5	D696
Temperatura distorsión térmica a 264psi	°C	70	D648

Tubo Conduit PVC SCH 40

TAMAÑO DE TUBERIA (in)	NÚMERO DE CATÁLOGO	O.D. in / mm	I.D. in / mm	T. MIN. in / mm	APROX. WT/FT (lb)
1/2"	CP-011001	0.84 / 21.30	0.62 / 15.70	0.11 / 2.70	0.18
3/4"	CP-011002	1.04 / 26.50	0.81 / 20.50	0.12 / 3.00	0.24
1"	CP-011003	1.30 / 33.00	1.03 / 26.20	0.13 / 3.40	0.33
1-1/4"	CP-011004	1.65 / 42.00	1.38 / 35.00	0.14 / 3.50	0.45
1-1/2"	CP-011005	1.89 / 48.00	1.60 / 40.60	0.15 / 3.70	0.56
2"	CP-011006	2.36 / 60.00	2.06 / 52.20	0.15 / 3.90	0.76
2-1/2"	CP-011007	2.87 / 73.00	2.46 / 62.60	0.20 / 5.20	1.26
3"	CP-011008	3.49 / 88.50	3.05 / 77.50	0.22 / 5.50	1.63
3-1/2"	CP-011009	4.00 / 101.60	3.55 / 90.10	0.22 / 5.70	1.97
4"	CP-011010	4.49 / 114.00	4.02 / 102.00	0.24 / 6.00	2.34
5"	CP-011011	5.56 / 141.30	5.05 / 128.20	0.26 / 6.50	3.19
6"	CP-011012	6.61 / 168.00	6.06 / 153.80	0.28 / 7.10	4.11

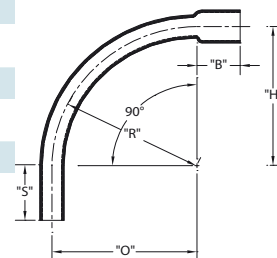


T: (Espesor de Pared)
O.D.: (Diámetro Externo)
I.D.: (Diámetro Interno)



Curva Conduit 90° PVC SCH 40 - Extremo con Embone

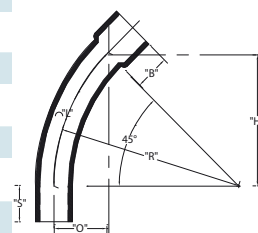
TAMAÑO DE TUBERIA (in)	NÚMERO DE CATÁLOGO	CANTIDAD POR PAQUETE	"R" in / mm	"O" in / mm	"H" in / mm	"S" MIN. in / mm	"B" MIN. in / mm	APROX. WT/FT (lb)
1/2"	CP-021101	50	4.00 / 102	4.00 / 102	4.00 / 102	1.50 / 38	1.00 / 25	6.25
3/4"	CP-021102	35	4.50 / 114	4.50 / 114	4.50 / 114	1.50 / 38	1.50 / 38	7.12
1"	CP-021103	20	5.75 / 146	5.75 / 146	5.75 / 146	1.87 / 47	1.50 / 38	9.00
1-1/4"	CP-021104	30	7.25 / 184	7.25 / 184	7.25 / 184	2.00 / 51	1.50 / 38	11.37
1-1/2"	CP-021105	30	8.25 / 210	8.25 / 210	8.25 / 210	2.00 / 51	2.00 / 51	13.00
2"	CP-021106	15	9.50 / 241	9.50 / 241	9.50 / 241	2.00 / 51	2.00 / 51	15.00
2-1/2"	CP-021107	18	10.50 / 267	10.50 / 267	10.50 / 267	3.00 / 76	2.25 / 57	16.50
3"	CP-021108	14	13.00 / 330	13.00 / 330	13.00 / 330	3.12 / 79	2.50 / 64	20.37
3-1/2"	CP-021109	12	15.00 / 381	15.00 / 381	15.00 / 381	3.25 / 83	3.25 / 83	23.50
4"	CP-021110	10	16.00 / 406	16.00 / 406	16.00 / 406	3.37 / 86	3.25 / 83	25.12
5"	CP-021111	30	24.00 / 610	24.00 / 610	24.00 / 610	3.62 / 92	4.25 / 108	37.62
6"	CP-021112	25	30.00 / 762	30.00 / 762	30.00 / 762	3.75 / 95	5.00 / 127	47.12



- Conforme a UL651 y NEMA TC3
- El material es PVC rígido
- La tolerancia de curvatura es $\pm 2^\circ$

Curva Conduit 45° PVC SCH 40- Extremo con Embone

TAMAÑO DE TUBERIA (in)	NÚMERO DE CATÁLOGO	CANTIDAD POR PAQUETE	"R" in / mm	"O" in / mm	"H" in / mm	"S" MIN. in / mm	"B" MIN. in / mm	APROX. WT/FT (lb)
1/2"	CP-021213	50	4.00 / 102	1.18 / 30	2.81 / 71	1.50 / 38	1.00 / 25	3.12
3/4"	CP-021214	35	4.50 / 114	1.31 / 35	3.18 / 81	1.50 / 38	1.50 / 38	3.50
1"	CP-021215	20	5.75 / 146	1.68 / 45	4.06 / 103	1.87 / 47	1.50 / 38	4.50
1-1/4"	CP-021216	30	7.25 / 184	2.12 / 55	5.12 / 130	2.00 / 51	1.500 / 38	5.68
1-1/2"	CP-021217	30	8.25 / 210	2.43 / 60	5.81 / 148	2.00 / 51	2.00 / 51	6.50
2"	CP-021218	15	9.50 / 241	2.81 / 70	6.75 / 171	2.00 / 51	2.00 / 51	7.50
2-1/2"	CP-021219	18	10.50 / 267	3.06 / 80	7.43 / 189	3.00 / 76	2.25 / 57	8.25
3"	CP-021220	14	13.00 / 330	3.81 / 95	9.18 / 233	3.50 / 89	2.50 / 64	10.18
3-1/2"	CP-021221	12	15.00 / 381	4.37 / 110	10.62 / 270	3.25 / 83	3.25 / 83	11.81
4"	CP-021222	10	16.00 / 406	4.68 / 120	11.18 / 284	3.37 / 86	3.25 / 83	12.56
5"	CP-021223	30	24.00 / 610	7.00 / 180	17.00 / 432	3.62 / 92	4.25 / 108	18.87
6"	CP-021224	25	30.00 / 762	8.87 / 225	21.25 / 540	3.75 / 95	5.00 / 127	23.56



- Conforme a UL651 y NEMA TC3
- El material es PVC rígido
- La tolerancia de curvatura es $\pm 2^\circ$

COINSA
integradores eléctricos

Note: We are enhancing our systems and you may notice duplicate entries/missing/outdated data. During this interim period, please contact our Customer Service at <https://www.ul.com/about/locations>.

Rigid Nonmetallic PVC Conduit

E528207

Trademark and/or Tradename: "CPLAST", 

Note: For additional marking information, refer to the Guide Information Page.

Schedule 40 PVC Conduit Elbows, "Conduit Elbows", Model(s): 1/2, 3/4, 1, 1-1/2, 2, 3, 4, 6 trade sizes

Schedule 40 PVC Conduit with an integral coupling, "Conduit with an integral coupling", Model(s): 1/2, 3/4, 1, 1-1/2, 2, 3, 4, 6 trade sizes

Schedule 40 PVC Conduit, "Conduit", Model(s): 1/2, 3/4, 1, 1-1/2, 2, 3, 4, 6 trade sizes

Last Updated on 2025-06-12

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Certificate of Compliance

Certificate Number:

UL-US-2243158-0

Report Reference:

E528207-20250227

Issue Date:

2025-04-04

Issued to:

**S&M Electrical Group LLC
2525 Embassy Dr Ste 16 Cooper City, FL 33026
United States**

This certificate confirms that representative samples of:
DZYR - Rigid Nonmetallic PVC Conduit

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

UL 651, Edition 8, Issue Date 2011-10-25, Revision Date 2022-05-10

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

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A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2243158-0
Report reference E528207-20250227
Date 2025-04-04

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Schedule 40 PVC Conduit

Model(s): Conduit, : 1/2, 3/4, 1, 1-1/2, 2, 3, 4, 6 trade sizes

Schedule 40 PVC Conduit Elbows

Model(s): Conduit Elbows, : 1/2, 3/4, 1, 1-1/2, 2, 3, 4, 6 trade sizes

Schedule 40 PVC Conduit with an integral coupling

Model(s): Conduit with an integral coupling, : 1/2, 3/4, 1, 1-1/2, 2, 3, 4, 6 trade sizes



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