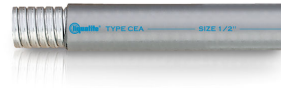


Type CEA

Part of the **Zero-Halogen Flexible Conduit Family**.

This non-UL liquidtight flexible steel conduit is designed for applications where safety concerns exist regarding a material's reaction in a fire situation.



All Products Proudly Made in the USA

Construction:

Inner Core:

- Corrosion-resistant Plated Steel
- 3/8" – 2" Squarelock Profile
- 2-1/2" – 6" Fully Interlocked Profile
- 3/8" – 2" Contain Nylon Cord Packing

Liquidtight Jacket:

- Zero-Halogen Polyurethane
- Resistant to Ozone, Hydrocarbons, Moderate **Chemicals and Oils**
- Flame Retardant
- Low Smoke
- Low Toxicity
- Sunlight Resistant (UV)

Application:

- Meets the requirements of Bombardier SMP 800-C for Toxic Gas Generation.
- Meets the requirements of ASTM E662 for Smoke Generation.
- Mass Transit Vehicles
- Subways and Tunnels
- Enclosed Public Areas

Combustion & Flammability Properties

COMBUSTION & FLAMMABILITY

TEST

Vertical Burn (Material)	UL94
Vertical Burn (Conduit)	UL360
Oxygen Index %	D2863
Smoke Generation (Flaming)	ASTM E662 (NFPA 258)
Smoke Generation (Non-Flaming)	ASTM E662 (NFPA 258)
Toxic Gas Generation	BOMBARDIER SMP 800-C
Toxicity Index	NES 713

Product Information

CERTIFICATIONS & COMPLIANCE

Manufactured to UL 360
Dimensions



WEEE and RoHS Compliant



BS EN IEC 61386 Classification
Code 445340650314 **CE**

Declaration

ARRA: For ARRA Certification
Letter, please [click here](#)

STANDARD COLORS

Gray and Black. **Other colors available upon request.**

WORKING TEMPERATURES

-40°C to 80°C

-40°F to 176°F

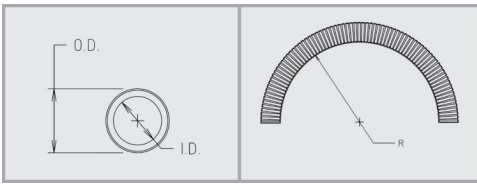
VALUE

Vertical Burn (Material)	UL94	V-0 Rating; No Flaming Drips
Vertical Burn (Conduit)	UL360	Pass; No Flaming Drips
Oxygen Index %	D2863	28.5
Smoke Generation (Flaming)	ASTM E662 (NFPA 258)	Ds 41@1.5 Min/Ds 113@4.0 Min
Smoke Generation (Non-Flaming)	ASTM E662 (NFPA 258)	Ds 4@1.5 Min/Ds 19@4.0 Min
Toxic Gas Generation	BOMBARDIER SMP 800-C	Pass
Toxicity Index	NES 713	3.9

* Test data is based on controlled laboratory conditions and does not necessarily reflect performance in actual fire conditions. Additional product information available upon request.

Markets:

Healthcare, Oil & Gas Refineries, Rail/Transit, Ship Building, Steel Mills, Utilities



Product Table

	US Trade Size	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
	ISO (MM)	16	20	25	32	40	50	63	70	80	100	125	150
	CSA (MM)	12	16	21	27	35	41	53	63	78	103		
	Type	CEA-10	CEA-11	CEA-12	CEA-13	CEA-14	CEA-15	CEA-16	CEA-17	CEA-18	CEA-19	CEA-500	CEA-600
	Minimum Jacket Thickness	0.762	0.762	0.889	0.889	0.889	1.016	1.016	1.270	1.270	1.524	2.515	2.515
Internal Diameter	Min (MM)	12.3	15.8	20.8	26.4	35.1	40.0	51.3	63.0	78.0	101.6	126.4	152.8
	Max (MM)	12.8	16.3	21.3	27.1	35.8	40.6	51.9	63.6	78.7	102.6	127.9	154.3
Outside Diameter	Min (MM)	17.5	20.8	26.2	32.8	41.4	47.4	59.4	72.1	87.9	113.3	139.8	166.8
	Max (MM)	18.0	21.3	26.7	33.4	42.2	48.3	60.3	73.0	88.9	114.3	141.4	168.3
Inside Bend Radius	Static (MM)	38	51	64	76	89	114	140	203	254	305	445	572
Weight	(Kgs) per 30 meters	9	11	15	24	31	40	46	76	114	156	212	259
	Carton (Mtrs)	30	30	30	30	15	15	15	8	8	8	8	8
Standard Length	Part # (Gray)	888016	888116	888216	888326	888426	888526	888626	888726	888826	888926		
	Part # (Black)	88801	88811	88821	88832	88842	88852	88862	88872	88882			
	Reel (Ft.)	300	300	150	120	60	45	30					
	Part # (Gray)		888146	888246	888346	888446	888546	888646					
	Part # (Black)		88814	88824	88834		88854	88864					

related products



Type ZHLA

Non-halogen, low smoke and low flame spread make Type ZHLA a proven choice for applications where limiting toxic materials of combustion are an important issue. Since ZHLA is also UL listed and CSA Certified for "Heavy-Duty" applications, it is ideal for field installation in confined, public areas such as subways, tunnels, etc.

[see product detail »](#)



Type ATX

A non-UL Liquidtight Flexible Steel conduit designed to withstand an extreme temperature range.

[see product detail »](#)



Type ZHSS

This non-UL liquidtight flexible stainless steel conduit is designed for applications where safety concerns exist regarding a material's reaction in a fire situation. It offers excellent resistance to corrosion.

[see product detail »](#)



Type HFSLA

Part of the SHIELD-FLEX® family of EMI/RFI Shielding conduits. Type HFSLA is identical to standard UL Listed liquidtight flexible steel conduit (See Type LA) but is augmented with a tinned copper shielding braid located over the inner steel core and under its protective Polyurethane jacket.

[see product detail »](#)