

Type ACEA

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



All Products Proudly Made in the USA

Construction

Inner Core:

- Corrosion-resistant Aluminum
- 3/8" – 1-1/4" Squarelock Profile
- 1-1/2" – 4" Fully Interlocked Profile

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 both ASTM E162 for Flame Spread and ASTM E662 for Smoke Generation.
- Mass Transit Vehicles
- Subways and Tunnels
- Enclosed Public Areas
- Lightweight

Combustion & Flammability Properties

COMBUSTION & FLAMMABILITY

TEST

VALUE

Vertical Burn (Material)	UL94	V-0 Rating; No Flaming Drips
Vertical Burn (Conduit)	UL360	Pass; No Flaming Drips
Oxygen Index %	D2863	28.5
Flame Spread Index	ASTM E162	25; No Flaming Drips
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, Rail/Transit

Product Information

CERTIFICATIONS & COMPLIANCE

 **WEEE and RoHS Compliant**

CE BS EN IEC 61386 Classification Code 235240650314 **CE Declaration**

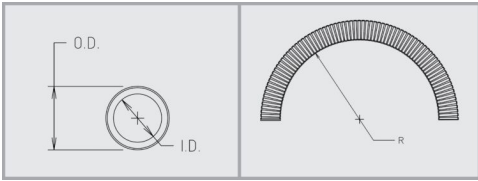
ARRA: For ARRA Certification Letter, please [click here](#)

STANDARD COLORS

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

WORKING TEMPERATURES:

-40°C to 80°C



Product Table

US Trade Size	ISO Size (MM)	CSA Size (MM)	Type	Minimum Jacket Thickness	Internal Diameter		Outer Diameter		Inside Bend Radius Static (IN.)	Weight LBS. Per 100 FT.	Standard Length	
					Min (IN.)	Max (IN.)	Min (IN.)	Max (IN.)			Carton FT.	Part # Gray
3/8"	16	12	ACEA-10	0.030	0.484	0.504	0.690	0.710	1.5	11	100	87901
1/2"	20	16	ACEA-11	0.030	0.622	0.642	0.820	0.840	2.0	15	100	87911
3/4"	25	21	ACEA-12	0.035	0.820	0.840	1.030	1.050	2.5	20	100	87922
1"	32	27	ACEA-13	0.035	1.041	1.066	1.290	1.315	3.0	29	100	87932
1 1/4"	40	35	ACEA-14	0.035	1.380	1.410	1.630	1.660	3.5	40	50	87942
1 1/2"	50	41	ACEA-15	0.040	1.575	1.600	1.865	1.900	4.5	56	50	87952
2"	63	53	ACEA-16	0.040	2.020	2.045	2.340	2.375	5.5	73	50	87962
2 1/2"	70	63	ACEA-17	0.050	2.480	2.505	2.840	2.875	8.0	104	25	87972
3"	80	78	ACEA-18	0.050	3.070	3.100	3.460	3.500	10.0	144	25	87982
4"	100	103	ACEA-19	0.060	4.000	4.040	4.460	4.500	12.0	192	25	87992

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, it is ideal for field installation in confined, public areas such as subways, tunnels, etc.

[see product detail »](#)



Type CEA

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

[see product detail »](#)



Type CLFR

CLFR is a Low Fire Hazard nonmetallic nylon corrugated Mechanical Protection Tubing (MPT) designed for the support and routing of conductors and cables.

[see product detail »](#)



Type ATX

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

[see product detail »](#)