

Type LAFG-SS

Part of the *Stainless Steel Flexible Conduit Family* and *Food Grade Conduit Family*.

A UL-listed liquidtight stainless steel flexible conduit that is antimicrobial and is designed for a variety of installations requiring motion, vibration, and bending on food processing equipment. It offers excellent resistance to corrosion.

Construction:

Inner Core:

- Corrosion-resistant continuous strip of 316L Stainless Steel.
- 1/2" – 2" Fully Interlocked Profile

Liquidtight Jacket:

- Flexible PVC made from an FDA-approved compound
- Formulated for "Splash Zone" food and beverage contact
- Meets FDA CFR21 and NSF 51/61 requirements
- Certified Component for NSF/ANSI 169 special purpose food equipment.
- Resistant to **Oils and Mild Acids**
- Flame Retardant / Self-Extinguishing
- Sunlight Resistant (UV)
- Also available with a clear jacketing, with product differentiations: **Spec Sheet Inches | Metric**

Application:

- Formerly Type LSSFG
- Non-UL 3" through 4" available upon request
- Provides a liquidtight flexible protective wiring raceway

This conduit is intended for installation in accordance with Article 350 of the NEC (ANSI/NFPA-70) and in section 14.5.4 of the ANSI/NFPA-79 Standard for Industrial Machinery:

- Smooth exterior for easy washdown
- Resistant to Sodium Hypochlorite (Bleach)
- NEW Antimicrobial jacket with biocide additive



All Products Proudly Made in the USA

Product Information

CERTIFICATIONS & COMPLIANCE



Listed File # E29278. Conforms to Underwriters Laboratories Standard ANSI/UL-360 for Liquidtight Flexible Steel conduit.



WEEE and RoHS Compliant



BS EN IEC 61386 Classification Code 444240650314 **CE**

Declaration

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



NSF Certified Component **NSF Listing**



BABA Compliant

STANDARD COLORS

Blue.

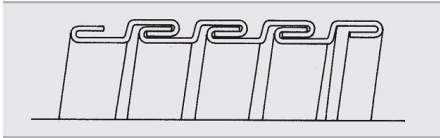
Clear, with product differentiations: **Spec Sheet Inches | Metric**

WORKING TEMPERATURES:

-30°C to 105°C Dry / 60°C Wet / 70°C Oil

- Intended for use with Standard Liquidtight Connectors
- Direct burial
- Use Separate Grounding Conductor — If liquidtight flexible metal conduit contains a stainless-steel core, a wire-type equipment grounding conductor or a bonding jumper in accordance with 250.102(E) (2) shall be installed. Article 250.118 (A)(6)(f).
- Installations in hazardous (classified) locations:
 - Class I Div. 2: Article 501.10 (B)(2) & 501.30 (B)
 - Class II Div. 1: Article 502.10 (A)(2) & 502.30 (B) Div. 2: 502.10 (B)(2)
 - Class III Div. 1: Article 503.10 (A)(3) & 503.30 (B) Div. 2: 503.10 (B)

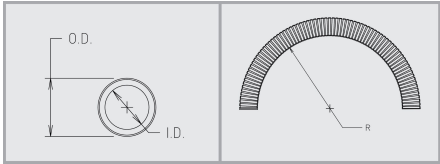
-22°F to 221°F Dry / 140°F Wet / 158°F Oil



Industries Served:

- Poultry Processing & Misc. Food Manufacturing (SIC 2015)
- Food Product Machinery Manufacturing (SIC 2011)
- Pharmaceutical Preparation Manufacturing (SIC 2834)
- Food Packaging, Canning and Bottling

Interlock sizes: 1/2" - 2"



Markets:

Food Processing, Healthcare, Pharmaceuticals

Product Table

US Trade Size	ISO (MM)	CSA (MM)	Type	Internal Diameter		Outer Diameter		Inside Bend Radius	Weight Lbs. per 100 Ft	Standard Length			
				Min (IN.)	Max (IN.)	Min (IN.)	Max (IN.)	Static (IN.)		Coil (Ft.)	Part #	Reel (Ft.)	Reel (Ft.)
1/2"	20	16	LAFG-SS-11	0.622	0.642	0.820	0.840	3.0	28	100	211801	500	1000
3/4"	25	21	LAFG-SS-12	0.820	0.840	1.030	1.050	4.2	38	100	221802	500	1000
1"	32	27	LAFG-SS-13	1.041	1.066	1.290	1.315	5.5	62	100	231802	400	
1-1/4"	40	35	LAFG-SS-14	1.380	1.410	1.630	1.660	7.0	79	50	241802	200	
1-1/2"	50	41	LAFG-SS-15	1.575	1.600	1.865	1.900	4.5	103	50	251802	150	
2"	63	53	LAFG-SS-16	2.020	2.045	2.340	2.375	6.0	119	50	261802	100	

related products



Type LAFG

A UL Listed, CSA Certified, flexible liquidtight steel conduit that is antimicrobial and is designed for a variety of installations regarding motion, vibration, and bending on food processing equipment.



Type NMFG

A Food Grade nonmetallic liquidtight conduit that offers excellent protection to wiring from abrasion, sunlight, mild acids, alkaline and oils. It is intended for food and beverage machinery applications.

[see product detail »](#)



Type LNMP Food Grade

This UL listed (cULus) nonmetallic liquidtight blue conduit is now antimicrobial and is designed for a variety of installations regarding motion, vibration, and bending on food processing equipment. It is often specified in “Power Track” or cable carrier installations and on industrial robots. It does not contain a metal core which could fatigue from repeated flexing or vibration.

[see product detail »](#)

[see product detail »](#)



Type LA-SS

A UL-listed, flexible stainless-steel conduit offering excellent protection against corrosion, sunlight (UV), and wet, oily conditions. Ideally suited for industrial-grade installations requiring motion, vibration, and bending.

[see product detail »](#)