

# 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.

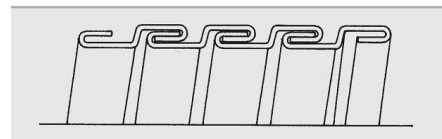
Clear, with product differentiations: **Spec Sheet Inches | Metric**

### 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)

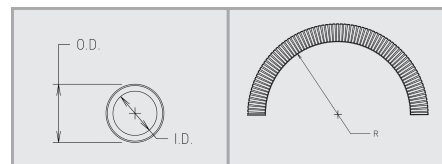
-22°F to 221°F Dry / 140°F Wet / 158°F Oil



## 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 |          | Outside Diameter |          | Inside Bend Radius | Weight<br>(Kgs) per 30 meters | Standard Length |        |             |             |
|---------------|----------|----------|------------|-------------------|----------|------------------|----------|--------------------|-------------------------------|-----------------|--------|-------------|-------------|
|               |          |          |            | Min (MM)          | Max (MM) | Min (MM)         | Max (MM) | Static (MM)        |                               | Coil (Mtrs)     | Part # | Reel (Mtrs) | Reel (Mtrs) |
| 1/2"          | 20       | 16       | LAFG-SS-11 | 15.8              | 16.3     | 20.8             | 21.3     | 76                 | 13                            | 30              | 211801 | 150         | 300         |
| 3/4"          | 25       | 21       | LAFG-SS-12 | 20.8              | 21.3     | 26.2             | 26.7     | 107                | 17                            | 30              | 221802 | 150         | 300         |
| 1"            | 32       | 27       | LAFG-SS-13 | 26.4              | 27.1     | 32.8             | 33.4     | 140                | 28                            | 30              | 231802 | 120         |             |
| 1-1/4"        | 40       | 35       | LAFG-SS-14 | 35.1              | 35.8     | 41.4             | 42.2     | 178                | 36                            | 15              | 241802 | 60          |             |
| 1-1/2"        | 50       | 41       | LAFG-SS-15 | 40.0              | 40.6     | 47.4             | 48.3     | 114                | 47                            | 15              | 251802 | 45          |             |
| 2"            | 63       | 53       | LAFG-SS-16 | 51.3              | 51.9     | 59.4             | 60.3     | 152                | 54                            | 15              | 261802 | 30          |             |

### 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 »](#)