



Type LAFG

Part of the Food Grade Conduit Family.

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



All Products Proudly Made in the USA

Construction:

Inner Core:

- Hot Dipped Galvanized Steel
- 3/8" – 1-1/4" Squarelock Profile with continuous bonding strip
- 1-1/2" – 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
- Resistant to **Oils and Mild Acids**
- Flame Retardant
- Sunlight Resistant (UV)
- Marked HD for "Heavy-Duty"
- Also available in white, UL Listing only.

Application:

Type LAFG is a Certified Component for NSF/ANSI 169 special purpose food equipment. The following points are in addition to all of the NEC (ANSI/NFPA-70) Article 350 installation guidelines outlined for Type LA **[NEMA RV3]** flexible liquidtight conduit:

- Smooth exterior for easy washdown
- Resistant to Sodium Hypochlorite (Bleach)
- NEW Antimicrobial jacket with biocide additive
- Intended for use with Standard Liquidtight Connectors
- Direct burial

This conduit is intended for use according to the Canadian Electrical Code (CEC CSA 22.1-18) as described in clause 12-1300 for dry, damp or wet locations.

Product Information

CERTIFICATIONS & COMPLIANCE

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

Certified File #LL18858. Conforms to CSA Standard C22.2 No 56-17. Conforms to Annex A "Heavy-Duty" in sizes 1/2" – 2". FT1

WEEE and RoHS Compliant

BS EN IEC 61386 Classification Code 444240650414 **CE Declaration**

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

NSF Certified Component **NSF Listing**

STANDARD COLORS

Blue.

WORKING TEMPERATURES

- Conforms to CSA C22.2 No. 56-17 Annex A "Heavy Duty"

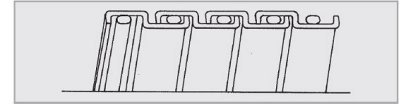
UL: -30°C to 105°C Dry / 60°C Wet / 70°C

Oil

CSA: -30°C to 105°C Dry / 75°C Oil

Hazardous Locations areas where flexibility is necessary:

- Class I Div 2: CSA 22.1 J18-152 (1) (i)
- Class II Div 1: CSA 22.1 J18-204 (4) (b)
- Class II Div 2: CSA 22.1 J18-254 (1) (h)
- Class III Div 1: CSA 22.1 J18-304 (1) (f)
- Class III Div 2: CSA 22.1 J18-354 (h)
- Zone 2: CSA 22.1 18-152 (1) (h)
- Zone 20: CSA 22.1 18-192 (3) (a)
- Zone 21: CSA 22.1 18-202 (4) (a)
- Zone 22: CSA 22.1 18-252 (1) (h)

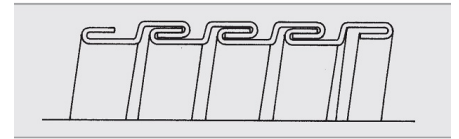


Industries Served:

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

Squarelock with Filler Sizes:

3/8" - 1-1/4"

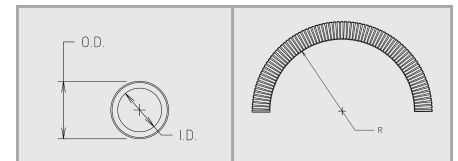


Markets:

Food Processing, Healthcare, Pharmaceuticals

Interlock Sizes: 1-1/2" - 2"

*Sizing above 2", consult factory for pricing and minimum runs.



Product Table

| | US Trade Size | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|--------------------|-----------------|---------|---------|---------|---------|---------|---------|---------|
| | ISO (MM) | 16 | 20 | 25 | 32 | 40 | 50 | 63 |
| | CSA (MM) | 12 | 16 | 21 | 27 | 35 | 41 | 53 |
| | Type | LAFG-10 | LAFG-11 | LAFG-12 | LAFG-13 | LAFG-14 | LAFG-15 | LAFG-16 |
| Internal Diameter | Min (IN.) | 0.484 | 0.622 | 0.820 | 1.041 | 1.380 | 1.575 | 2.020 |
| | Max (IN.) | 0.504 | 0.642 | 0.840 | 1.066 | 1.410 | 1.600 | 2.045 |
| Outer Diameter | Min (IN.) | 0.690 | 0.820 | 1.030 | 1.290 | 1.630 | 1.865 | 2.340 |
| | Max (IN.) | 0.710 | 0.840 | 1.050 | 1.315 | 1.660 | 1.900 | 2.375 |
| Inside Bend Radius | Static (IN.) | 2.0 | 3.0 | 4.2 | 5.5 | 7.0 | 4.5 | 6.0 |
| | Dynamic (IN.) | 4.0 | 5.0 | 6.0 | 12.0 | 15.0 | 17.0 | 22.0 |
| Weight | Lbs. per 100 Ft | 29 | 32 | 53 | 82 | 102 | 124 | 145 |
| Standard Length | Carton (Ft.) | 25/100 | 25/100 | 25/100 | 25/100 | 25/50 | 25/50 | 25/50 |
| | Part # | 20901 | 21901 | 22901 | 23902 | 24902 | 25902 | 26902 |
| | Reel (Ft) | 500 | 500 | 500 | 400 | 200 | 150 | 100 |
| | Part # | 20903 | 21903 | 22904 | 23904 | 24904 | 25904 | 26904 |
| | Reel (Ft) | 1000 | 1000 | 1000 | | | | |
| | Part # | 20904 | 21904 | 22910 | | | | |

related products



Type LSSFG

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

[see product detail »](#)



Type NMFG

A Food Grade nonmetallic liquidtight conduit that offers excellent protection to wiring from abrasion, sunlight, mild acids, alkaline



Type LTFG

A general-purpose, non-UL flexible liquidtight steel conduit designed for a variety of installations regarding motion, vibration and bending on food processing equipment.

[see product detail »](#)



Type LA

A flexible steel conduit which is both listed by Underwriters Laboratories Inc. and certified by Canadian Standards Association