General Purpose, CSA Certified Liquid-tight Flexible Metallic Conduits provide excellent
strength and liquid-tight performance, meeting Canadian Electrical Code requirements

Certifications / Standards:

Conforms to:
- CSA C22.2 No. 56, Liquid-tight Flexible Metal Conduits (LFMC)
  - CSA File: LR-72635
- IEC 61386-1, -23, Conduit Systems for Cable Management
  - EU Doc: EC-012-16-158
- RoHS (Restriction of Hazardous Substances Directive)

Standards requirements:
Meets all CSA C22.2 No. 56 standards requirements including:
- ID and OD dimensions, chemical & acid resistance, flame retardant & self extinguish, abrasion resistance, UV protection, crush resistance, oil resistance, corrosion resistance and bending strength
- CSA Heavy duty requirements

Meets all IEC 61386-1, -23 standard requirements including:
- Compression strength - Code 4 Heavy; 1250 N/50mm
- Impact strength - Code 4 Heavy; 6 Joules
- Tensile strength - Code 4 Heavy; 1000 N/2 min.

Ingress protection:
- Provides “Ingress Integrity” between enclosures, fittings, conduits & seals
- When using LTGC conduits and Series 52/53 Liquid-tight Fittings
- Covers all trade sizes from 3/8” to 4” (12 .. 103mm)

CSA & NEMA system ingress rating:
- CSA Certified type ratings in compliance with CSA C22.2 No. 94.2 requirements
- CSA file no.: LR-4484
- CSA C22.2, No. 94.2: Type 3, 3R, 4, 12, 13
- NEMA 250: Type 3, 3R, 4, 12, 13

IEC system ingress rating:
- IP ingress protection per IEC 60529 requirements
- IEC Ingress Ratings: IP66, IP67

Environment ratings:
- Working Temperature:
  - CSA: Dry: -60 to +75°C (-40 to +167°F)
    Oil: -40 to +70°C (-40 to +158°F)
    Wet: -40 to +60°C (-40 to +140°F)
  - IEC/CE: Dry: -45 to +90°C (-49 to +176°F)
- Chemical resistance guide:
  - See publication TDS000117

Features & Benefits:
- Meet CSA C22.2 No. 56 ID/OD dimension requirements
- Full compliance to IEC 61386 requirements, CE Certified
- Conduit sizes ¼” and up meets CSA Heavy duty requirements, when used with series 5200/5300 liquid-tight fittings.
- Trade sizes from 3/8” to 4” (12mm to 103mm)
- CSA & IP ingress protection ratings aligned with industrial enclosures
- Smooth extruded jackets provide best performance with fittings

Applications:
- CSA Certified conduit is intended for use to Canadian Electrical Code as described in Section 12 for dry, damp or wet locations, and in Section 18 (18B), where flexibility is required
- Ideal for machine and equipment, OEMs, panel builders and industrial, light manufacturing, commercial and outdoor installations
- Liquid tight applications against water, oils, cutting fluids, mild acids
- For use in electrical circuits up to 1,000 V

Construction / Material / Finish:
- Hot-dipped zinc galvanized steel core
- PVC (polyvinyl chloride) extruded smooth jacket
- Ink jet printed ratings and technical information
- Full range of trade sizes from ¼” to 4” (12 to 103mm)
  - ¼” to 1¼”, Square Lock design with cord filler
  - 1¼” to 4”, fully interlocked design
- Color: Black (standard), other colors on request

Environment ratings:
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General Purpose, CSA Certified Liquid-tight flexible metallic conduit

T&B Liquidtight Systems®
### Product selection

#### Trade size

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Note: Products must be installed in accordance with applicable national and local electrical codes.