

Chapter E 351

LIQUID-TIGHT FLEXIBLE METAL CONDUIT

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**E 351.01 Purpose.** Liquid-tight flexible metal conduit is not intended as a general purpose raceway material. The provisions of this chapter shall apply to a type of flexible conduit having an outer liquid-tight jacket and employed with suitable terminal fittings approved for the purpose.

**History:** Cr. Register, November, 1961, No. 71, eff. 12-1-61.

**E 351.02 Use.** The use of this wiring material shall be restricted as follows:

(1) For the connection of motors or portable equipment where flexibility of connection is required.

(2) Liquid-tight flexible metal conduit shall not be used under the following conditions: (a) where subject to physical damage; (b) where in contact with rapidly moving parts; (c) under conditions such that its temperature, with or without enclosed conductors carrying current, is above 60°C. (140°F.); (d) in any hazardous location, except as described in subsection E 501.04 (2), sections E 502.04 and E 503.03, unless it is specially approved for such use.

**History:** Cr. Register, November, 1961, No. 71, eff. 12-1-61.

**E 351.03 Maximum size.** The maximum size of liquid-tight flexible metal conduit shall not exceed 1¼ inch electrical trade size.

**History:** Cr. Register, November, 1961, No. 71, eff. 12-1-61.

**E 351.04 Conductor size.** The maximum size of conductor installed in liquid-tight flexible metal conduit shall not exceed the following values:

Trade Size of Conduit	Size of Conductor
3/8 inch	16 Awg
1/2 inch	12 Awg
3/4 inch	8 Awg
1 inch	6 Awg
1 1/4 inch	2 Awg

**History:** Cr. Register, November, 1961, No. 71, eff. 12-1-61.