

## Chapter E 350

## FLEXIBLE METAL CONDUIT

E 350.01 Other chapters  
E 350.02 Use

E 350.03 Minimum size  
E 350.04 Securing flexible metal conduit

**E 350.01 Other chapters.** Installations of flexible metal conduit shall comply with the appropriate (or applicable) provisions of Wis. Adm. Code chapters E 300, E 334, and E 346.

**History:** Cr. Register, January, 1968, No. 145, eff. 2-1-68.

**E 350.02 Use.** Flexible metal conduit shall not be used (1) in wet locations, unless conductors are of the lead-covered type or of other type specially approved for the conditions; (2) in storage-battery rooms; (3) in any hazardous location except as permitted in subsection E 501.04(2) and sections E 502.04 and E 503.03; nor (4) where rubber-covered conductors are exposed to oil, gasoline, or other materials having a deteriorating effect on rubber.

**History:** Cr. Register, January, 1968, No. 145, eff. 2-1-68.

**E 350.03 Minimum size.** No flexible metal conduit less than  $\frac{1}{2}$  inch electrical trade size shall be used except (1) as permitted for under-plaster extensions by Wis. Adm. Code section E 334.02; (2) as permitted for motors by section E 430.145 (2); (3) for connections not over 48 inches in length, or longer on approved assemblies, to equipment where the use of  $\frac{1}{2}$  inch or larger size flexible metal conduit is not practicable, in which case flexible metal conduit of  $\frac{3}{8}$  inch electrical trade size may be used; and (4) in existing building where permitted by the authority enforcing the code.

TABLE E 350.03

Size AWG	Maximum Number of Conductors in $\frac{3}{8}$ " Flexible Metal Conduit		
	Types RF-32, R, RH	Type RW-RHW	Types TF, T, TW, RU, RUF, RUW
18	4		8
16	3		6
14	3	2	5
12	2	2	4
10			3

**History:** Cr. Register, January, 1968, No. 145, eff. 2-1-68.

**E 350.04 Securing flexible metal conduit.** When flexible metal conduit is installed it shall be secured by approved means at intervals not exceeding  $4\frac{1}{2}$  feet and within 12 inches on each side of every outlet box or fitting, except where flexible conduit is fished or where flexibility is necessary.

**History:** Cr. Register, January, 1968, No. 145, eff. 2-1-68.