

Article 320 Overview

Armored cable is an assembly of insulated conductors, 14 AWG through 1 AWG, individually wrapped within waxed paper and contained within a flexible spiral metal sheath. The outside appearance of armored cable looks like flexible metal conduit as well as metal-clad cable to the casual observer.

Article 320 Questions

- Type AC cable is permitted in _____ installations.
 - wet
 - cable tray
 - exposed
 - b and c
- Armored cable shall not be installed _____.
 - in damp or wet locations
 - where subject to physical damage
 - where exposed to corrosive fumes or vapors
 - all of these
- Exposed runs of Type AC cable can be installed on the underside of joists where supported at each joist and located so they are not subject to physical damage.
 - True
 - False
- Type AC cable installed through, or parallel to, framing members shall be protected against physical damage from penetration by screws or nails.
 - True
 - False
- When Type AC cable is run across the top of a floor joist in an attic without permanent ladders or stairs, substantial guard strips within _____ of the scuttle hole, or attic entrance, shall protect the cable.
 - 3 ft
 - 4 ft
 - 5 ft
 - 6 ft
- When armored cable is run parallel to the sides of rafters, studs, or floor joists in an accessible attic, the cable shall be protected with running boards.
 - True
 - False
- Type AC cable can be supported and secured by _____.
 - staples
 - cable ties
 - straps
 - all of these
- Type AC cable shall be secured at intervals not exceeding 4½ ft and within _____ of every outlet box, cabinet, conduit body, or fitting.
 - 6 in.
 - 8 in.
 - 10 in.
 - 12 in.
- Type AC cable installed horizontally through wooden or metal framing members are considered supported where support doesn't exceed _____.
 - 2 ft
 - 3 ft
 - 4½ ft
 - 6 ft
- Armored cable used to connect recessed luminaires or equipment within an accessible ceiling can be unsecured for lengths up to _____.
 - 2 ft
 - 3 ft
 - 4½ ft
 - 6 ft
- At Type AC cable terminations, a(n) _____ shall be provided.
 - fitting (or box design) that protects the conductors from abrasion
 - insulating bushing between the conductors and the cable armor
 - a and b
 - none of these