

Bending radius of armoured cables

Static load (no tension)

Interlocking armoured cables may be bent around a radius during installation. The radius of the curve of the inner edge of the bends shall be at least 6 times the external diameter of the armoured cable. This is in accordance with the Canadian Electrical Code, Part 1, 12-614.

Respooling, pulling cable in during installation (under tension)

Interlocking armoured cables may be rewound onto spools and reels or pulled in during installation. During these operations, when the cable is under tension, the radius of the curve of the inner edge of the bends shall be at least 12 times the external diameter of the armoured cable. Failure to follow this guideline can result in damage to the cable up to and including breaking the armour.