

ECHF Flexible Couplings

Explosionproof, Dust-Ignitionproof

NEC/CEC:

- Class I, Division 1 and 2, Groups A, B, C, D
- Class I, Zone 1 and 2, Groups IIA, IIB, IIC
- Class II, Division 1 and 2, Groups E, F, G
- Class III

HAZARDOUS LOCATION FITTINGS: NEC/CEC EXPLOSIONPROOF CONDUIT FITTINGS

Applications

- To suspend pendant mount hazardous location lighting fixtures in accordance with Article 501 of the National Electrical Code to assure the fixtures will swing freely if struck accidentally.

Features

- Female end fittings
- Supplied with two removable steel close nipples threaded into the female ends.
- Set screws prevent nipples and fixtures from rotating during relamping.
- Suitable for ground path.
- Maximum weight capacity: 50 lbs. per NEC Section 314-27(B).

Standard Materials

- Flexible coupling is constructed from brass tubing and bronze outer braid, with insulating liner.
- Bronze female end fittings are supplied with removable steel close nipples.

Options

- Stainless Steel - add suffix "SS" to standard catalog number. Contact your local representative for pricing and availability.

NEC/CEC Certifications and Compliances

- UL Standard: 844 and 886
- UL Listed: E10444
- CSA Standard: C22.2 No. 30
- CSA Certified: 053390
- NEC Articles 500-503 and 505
- Suitable for wet locations when used with gasketed covers.



ECHF
Suitable for Ground Path – Two Removable Steel Close Nipples
1/2" – 3/4" Trade Size (Inches)

Dimensions in Millimeters (Inches)

Trade Size (Inches)	Flexible Length	A	B	Max. Dia. C	Min. Bending Radius	Catalog Number
1/2	101.60 (4.00)	85.85 (3.38)	47.75 (1.88)	36.58 (1.44)	254.00 (10.00)	ECHF-50-4
1/2	152.40 (6.00)	85.85 (3.38)	47.75 (1.88)	36.58 (1.44)	254.00 (10.00)	ECHF-50-6
1/2	203.20 (8.00)	85.85 (3.38)	47.75 (1.88)	36.58 (1.44)	254.00 (10.00)	ECHF-50-8
1/2	254.00 (10.00)	85.85 (3.38)	47.75 (1.88)	36.58 (1.44)	254.00 (10.00)	ECHF-50-10
1/2	304.80 (12.00)	85.85 (3.38)	47.75 (1.88)	36.58 (1.44)	254.00 (10.00)	ECHF-50-12
1/2	381.00 (15.00)	85.85 (3.38)	47.75 (1.88)	36.58 (1.44)	254.00 (10.00)	ECHF-50-15
1/2	457.20 (18.00)	85.85 (3.38)	47.75 (1.88)	36.58 (1.44)	254.00 (10.00)	ECHF-50-18
3/4	101.60 (4.00)	85.85 (3.38)	47.75 (1.88)	44.45 (1.75)	304.80 (12.00)	ECHF-75-4
3/4	152.40 (6.00)	85.85 (3.38)	47.75 (1.88)	44.45 (1.75)	304.80 (12.00)	ECHF-75-6
3/4	203.20 (8.00)	85.85 (3.38)	47.75 (1.88)	44.45 (1.75)	304.80 (12.00)	ECHF-75-8
3/4	254.00 (10.00)	85.85 (3.38)	47.75 (1.88)	44.45 (1.75)	304.80 (12.00)	ECHF-75-10
3/4	304.80 (12.00)	85.85 (3.38)	47.75 (1.88)	44.45 (1.75)	304.80 (12.00)	ECHF-75-12
3/4	381.00 (15.00)	85.85 (3.38)	47.75 (1.88)	44.45 (1.75)	304.80 (12.00)	ECHF-75-15
3/4	457.20 (18.00)	85.85 (3.38)	47.75 (1.88)	44.45 (1.75)	304.80 (12.00)	ECHF-75-18

NOTE: Unions are not available in stainless steel.