

Conduit Fitting: Flexible Coupling, EFC Series

Flameproof
Zone 1 & 2 - 21 & 22



Application

The EFC flexible couplings are used in a conduit system

for zone 1, 2 and zone 21, 22 hazardous areas to

- isolate conduit from vibration or movement of connected equipment.
- accomplish difficult bends in place of rigid conduit.



EFC

Technical Data

<i>Explosion protection</i>	EX II 2G	EX d IIB
<i>Conformity to Standards</i>	IEC 60079-0/1, EN 61241-0/1	
<i>Ambient Temperature</i>	-20°C to + 75°C	T5, T6
<i>Degree of Protection</i>	IP66 acc to IEC 60529	
<i>Protection class for UL</i>	Class I, Division 1 or 2 Group. B, C, D Class II, Division 1 or 2 Group. E, F, G	
<i>Protection class for IEC</i>	Zone 1 and Zone 2	

Specification

Inner flexible tube : Stainless steel

Outer wire braid : Stainless steel

Onions : Marine grade copper-free aluminium

Alloy with polyester powder coated,

RAL 7032 (Grey)

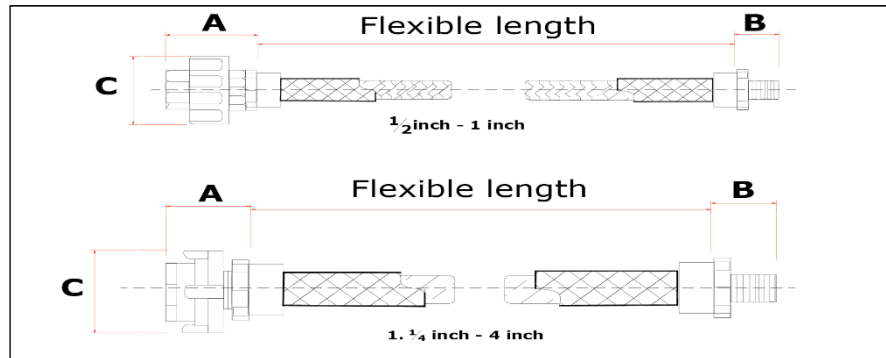
Male threaded fitting : Bronze with chromium plated or

Polyester powder

Catalogue Number and Dimension

Flexible Sizes	Catalogue Number						
	30 cm Flexible length	40 cm Flexible length	50 cm Flexible length	60 cm Flexible length	80 cm Flexible length	90 cm Flexible length	100 cm Flexible length
1/2"	EFC 130	EFC 140	EFC 150	EFC 160	EFC 180	EFC 190	EFC 1100
3/4"	EFC 230	EFC 240	EFC 250	EFC 260	EFC 280	EFC 290	EFC 2100
1"	EFC 330	EFC 340	EFC 350	EFC 360	EFC 380	EFC 390	EFC 3100
1-1/4"	EFC 430	EFC 440	EFC 450	EFC 460	EFC 480	EFC 490	EFC 4100
1-1/2"	EFC 530	EFC 540	EFC 550	EFC 560	EFC 580	EFC 590	EFC 5100
2"	EFC 630	EFC 640	EFC 650	EFC 660	EFC 680	EFC 690	EFC 6100
2-1/2"	EFC 730	EFC 740	EFC 750	EFC 760	EFC 780	EFC 790	EFC 7100
3"	EFC 830	EFC 840	EFC 850	EFC 860	EFC 880	EFC 890	EFC 8100
3-1/2"	EFC 930	EFC 940	EFC 950	EFC 960	EFC 980	EFC 990	EFC 9100
4"	EFC 1030	EFC 1040	EFC 1050	EFC 1060	EFC 1080	EFC 1090	EFC 10100

Flameproof
Zone 1 & 2 - 21 & 22

[illegible]