

SFC Series Flexible Couplings

Connect hubs with different flexible bends
For use in Hazardous Locations



Application

- > SFC series flexible coupling are installed in rigid conduit systems:
- Provide different bends degree from any direction where lack of working space
- Permit movement, vibration and replacement for connected equipments
- Flexible connection at both conduit ends
- Pull and splice for cable conductors
- Hide exposed cable conductors in corrosive condition
- > Classified and hazardous locations where flammable vapors, gases, ignitable dusts, fibers or flying are present

Features

- > Taped thread at both ends
- > Mechanical pressure resistance for heavy equipment
- > Waterproof for wet locations
- > Superior durability lower replacement cost
- > SFC series flexible couplings have taped thread in both two ends
 - M/F: One end is male thread, the other end is female thread
 - M/M: Both two ends are male thread
 - F/F: Both two ends are female thread
- > Flameproof joint for coupling and conduit ends, against explosive pressure and electrical sparks
- > Inner sealing to reach IP66
- > Suitable thread: Metric thread (M20x1.5-M115x1.5) and NPT thread (NPT1/2" – NPT4")
- > Operating Temperature:-40 °C ~+55 °C



Standard Material

Stainless steel

Optional: Silicone rubber

Standard length

- > L1:500mm / 20"
- > L2:700mm / 28"
- > L3:1000mm / 40"
- > L4:1200mm / 47"
- > L5:1500mm / 59"
- > L6:2000mm / 79"

Certifications

EN Standard-ATEX

Ex II 2 G Ex d IIC Gb

Zone 1, Zone 2 Group IIA, IIB and IIC

Ex II 2 D Ex tb IIIC Db

Zone 21, Zone 22 Group IIIA, IIIB and IIIC

IEC Standard-IECEX

Ex d IIC Gb

Zone 1, Zone 2 Group IIA, IIB and IIC

Ex tb IIIC Db

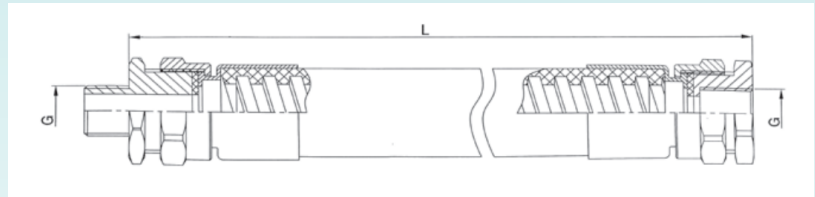
Zone 21, Zone 22 Group IIIA, IIIB and IIIC

NEC Standard-UL

Class I, Division 1, Group A B C D

Class II, Division 1, Group E F G

Type 4X



Ordering Information

Cat.#	Thread Option		Length (mm/inch)
	Metric Thread (M)	NPT Thread (N)	
SFC-01M/N	M20x1.5	NPT1/2"	L1:500mm / 20"
SFC-02M/N	M25x1.5	NPT3/4"	L2:700mm / 28"
SFC-03M/N	M32x1.5	NPT1"	L3:1000mm / 40"
SFC-04M/N	M40x1.5	NPT1 1/4"	L4:1200mm / 47"
SFC-05M/N	M50x1.5	NPT1 1/2"	L5:1500mm / 59"
SFC-06M/N	M63x1.5	NPT2"	L6:2000mm / 79"

Catalogue Numbering System

SFC-

01

Thread Code

M20x1.5 – M115x1.5

NPT1/2" – NPT4"

M

Thread Type

M: Metric thread

N: NPT thread

L1

Length

L1: 500mm / 20"

L2: 700mm / 28"

L3: 1000mm / 40"

L4: 1200mm / 47"

L5: 1500mm / 59"

L6: 2000mm / 79"