

Conduit Fitting: Flexible Coupling, DFC Series



Flameproof

Zone 1 & 2 – 21 & 22

Application

The DFC 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.

Specification

Inner flexible tube : Stainless steel
 Outer wire braid : Stainless steel
 Male threaded fitting : Nickel-plated brass

Technical Data

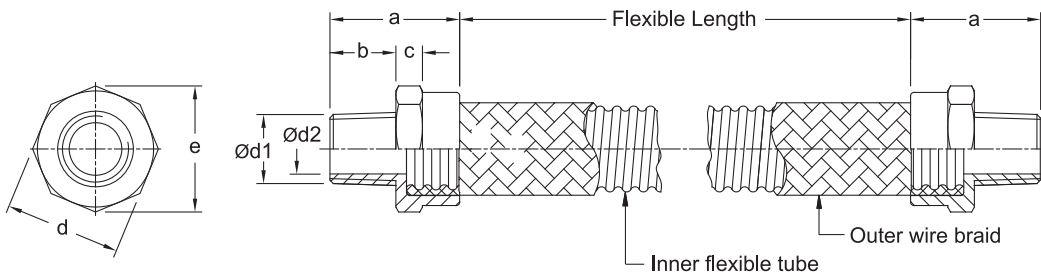
Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	⊕ II 2G	⊕ II 2D
Symbol of Protection	Ex db IIC Gb	Ex tb IIIC Db IP65
Certificate	TÜV CY 16 ATEX 0205741 U	
Conformity to Standards	EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-31:2014	
Ambient Temperature	-20°C to +75°C	
Index of Protection	IP65	

Option

- with union (DUN series)



Ordering Requirements and Dimension



Cat. No.				Entries Thread (Male) 'Ød1'	Dimension in mm.					
300mm. Flexible length	600mm. Flexible length	900mm. Flexible length	1,200mm. Flexible length		Ød2	a	b	c	d	e
DFC-130	DFC-160	DFC-190	DFC-1120	Ø1/2" NPT	15.0	41.35	19.85	8.0	35.0	38.0
DFC-230	DFC-260	DFC-290	DFC-2120	Ø3/4" NPT	20.0	41.65	20.15	8.0	37.0	40.0
DFC-330	DFC-360	DFC-390	DFC-3120	Ø1" NPT	26.0	50.0	25.0	8.0	42.0	46.0
DFC-430	DFC-460	DFC-490	DFC-4120	Ø1-1/4" NPT	35.0	50.61	25.61	8.0	56.0	61.0
DFC-530	DFC-560	DFC-590	DFC-5120	Ø1-1/2" NPT	40.0	51.04	26.04	8.0	60.0	65.0
DFC-630	DFC-660	DFC-690	DFC-6120	Ø2" NPT	52.0	51.87	26.87	8.0	75.0	81.0
-	DFC-760	DFC-790	DFC-7120	Ø2-1/2" NPT	62.0	85.90	39.90	11.0	107.0	115.0
-	DFC-860	DFC-890	DFC-8120	Ø3" NPT	77.0	87.49	41.49	11.0	125.0	135.0
-	DFC-960	DFC-990	DFC-9120	Ø3-1/2" NPT	88.0	93.76	42.76	11.0	165.0	178.0
-	DFC-1060	DFC-1090	DFC-10120	Ø4" NPT	102.0	95.03	44.03	11.0	175.0	185.0