

RFF series three pieces unions for IIC gas group enable an independent rotation and connection between pipes, enclosures or different equipment.



Classification: 2014/34/UE	Group II	Category 2GD
Installation: EN 60079-14	zone 1 - zone 2 (Gas)	zone 21 - zone 22 (Dust)
Marking:	CE 0722 Ex II 2 GD Ex db IIC Gb Ex tb IIIC Db IP66/67 (R..)	
Certification:	ATEX	CESI 99 ATEX 034U
	IECEX	IECEX CES 10.0002U
	TR CU	AVAILABLE

All IEC Ex and TR CU certification data can be downloaded at www.cortemgroup.com

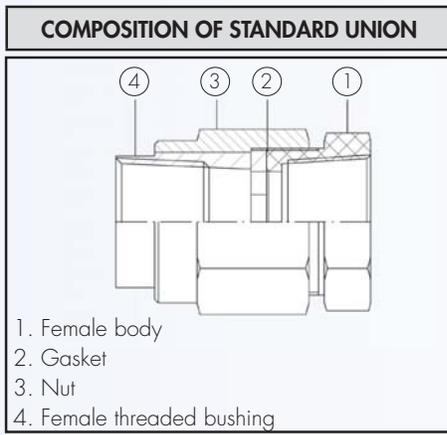
Standards:	CENELEC EN 60079-0: 2012+A11:2013, EN 60079-1: 2014, EN 60079-31: 2014 and EUROPEAN DIRECTIVE 2014/34/UE IEC60079-0: 2011, IEC60079-1: 2007-04, IEC60079-31: 2008 Directive RoHS 2002/95/CE
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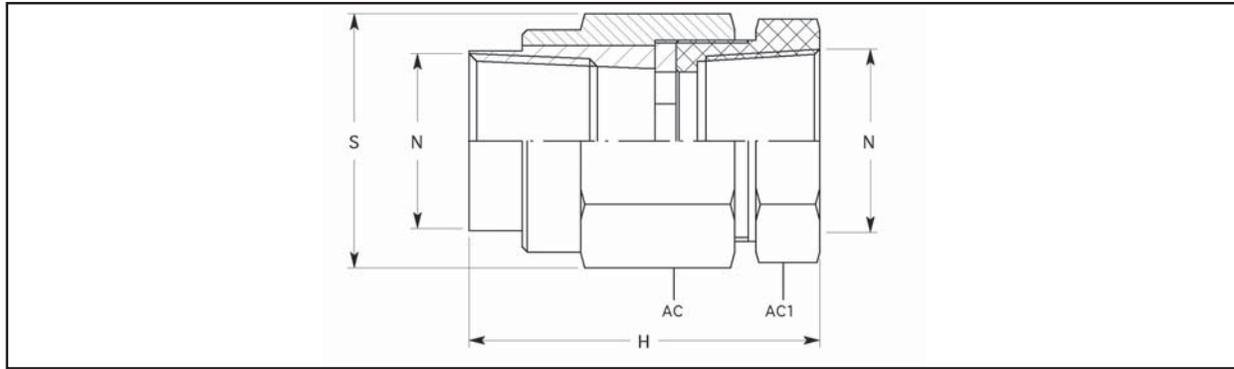
Degree of protection:	IP66/67
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Operating temperature:

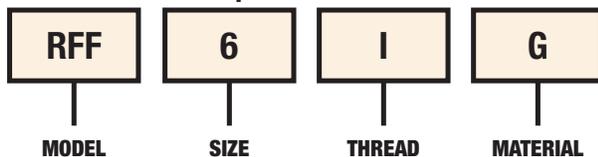
Three pieces unions series	Materials	Gaskets	Ambient temperature
RFF...	Galvanised steel (G), Nickel-plated brass (B)	Silicone	-20°C +60°C
RFF...S	Stainless steel (S)	Silicone	-60°C +60°C

Certificates are available on www.cortemgroup.com




UNIONS SELECTION TABLE

Code In galvanised steel	Thread N	Dimensions in mm				Weight Kg
		H	S	AC	AC1	
RFF1G	1/2" ISO7/1	58	35	30	27	0,170
RFF2G	3/4" ISO7/1	58	40	35	32	0,200
RFF3G	1" ISO7/1	68	48	42	40	0,315
RFF4G	1 1/4" ISO7/1	63	60	55	59	0,820
RFF5G	1 1/2" ISO7/1	66	75	70	67	1,020
RFF6G	2" ISO7/1	66	90	84	77	1,390
RFF7G	2 1/2" ISO7/1	71	117	108	99	2,520
RFF8G	3" ISO7/1	71	132	121	108	2,900
RFF10G	4" ISO7/1	86	152	145	135	3,700
RFF1NG	1/2" NPT	58	35	30	27	0,170
RFF2NG	3/4" NPT	58	40	35	32	0,200
RFF3NG	1" NPT	68	48	42	40	0,315
RFF4NG	1 1/4" NPT	63	60	55	59	0,820
RFF5NG	1 1/2" NPT	66	75	70	67	1,020
RFF6NG	2" NPT	66	90	84	77	1,390
RFF7NG	2 1/2" NPT	71	117	108	99	2,520
RFF8NG	3" NPT	71	132	121	108	2,900
RFF10NG	4" NPT	86	152	145	135	3,700
RFF1IG	M20x1,5	58	35	30	27	0,170
RFF2IG	M25x1,5	58	40	35	32	0,200
RFF3IG	M32x1,5	68	48	42	40	0,315
RFF4IG	M40x1,5	63	60	55	59	0,820
RFF5IG	M50x1,5	66	75	70	67	1,020
RFF6IG	M63x1,5	66	90	84	77	1,390
RFF7IG	M75x1,5	71	117	108	99	2,520
RFF8IG	M90x1,5	71	132	121	108	2,900
RFF10IG	M100x1,5	86	152	145	135	3,700

Order code example

TECHNICAL NOTES:

- The silicone O-ring for the IP protection for cylindrical threads (ISO metric) is supplied already assembled on the union
- Available also in stainless steel (example code RFF1S)
- Available also in nickel-plated brass (example code RFF1B)