

# SEALING FITTINGS AND THREE PIECE UNIONS

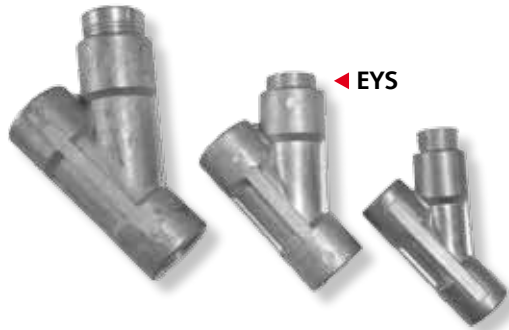
Explosion Proof Electrical Equipment



Ex Conduit fittings

**Installation:** hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)  
**Classification:** Group II - Category 2G 2D

**EYS - EZS - EZD**  
**BMF - RMF - BFF - RFF**



◀ EYS



◀ EZS



▶ THREE PIECE UNIONS



GOST-R  
RTR Ex Proof



SEALING FITTINGS			
	ATEX 94/9/EC	GOST-R (RTR / RTN)	GOST-K
EXECUTION	⊕ II 2 G Ex d IIC ⊕ II 2 D Ex tD A21	1 Ex d IIC U DIP A21	Ex d IIC U DIP A21
INSTALLATION	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22
PROTECTION DEGREE	IP66	IP66	IP66
CERTIFICATE REF.	CESI 05 ATEX 100	POCC IT. ГБ05.В02537	No. 07/43-269
RULES OF COMPLIANCE	EN 60079-0; EN 60079-1; EN 61241-1-1	ГОСТ P 51330.9-99 (МЭК 60079-10-95) ГОСТ P 51330.13-99 (МЭК 60079-14-96) ГОСТ P МЭК 61241-3-99	ГОСТ P 51330.0 / 1 / 8 / 14-99 ГОСТ P МЭК 61241-1-1-2002
THREE PIECE UNION			
	ATEX 94/9/EC	GOST-R (RTR / RTN)	GOST-K
EXECUTION	⊕ II 2 G Ex d IIB - II 2 G Ex d IIC ⊕ II 2 D Ex tD A21	Ex d IIB U - Ex d IIC U DIP A21	Ex d IIB U - Ex d IIC U DIP A22
AMBIENT TEMPERATURE	-50°C ÷ +130°C	-50°C ÷ +130°C	-50°C ÷ +130°C
PROTECTION DEGREE	IP66/67	IP66/67	IP66/67
CERTIFICATE REF.	INERIS 07 ATEX 9002U	POCC IT. ГБ05.В02537	No. 07/43-269
RULES OF COMPLIANCE	EN 60079; EN 60079-1; EN 61241-0; EN 61241-1	ГОСТ P 51330.9-99 (МЭК 60079-10-95) ГОСТ P 51330.13-99 (МЭК 60079-14-96) ГОСТ P МЭК 61241-3-99	ГОСТ P 51330.0 / 1 / 8 / 14-99 ГОСТ P МЭК 61241-1-1-2002

## SEALING FITTINGS - Mechanical characteristics

Material marine grade copper free aluminium light alloy

## THREE PIECE UNIONS - Mechanical characteristics

Material galvanized steel

Gasket silicon rubber EPDM

## ON REQUEST ACCESSORIES:

- Different threads from standard
- Different materials from standard

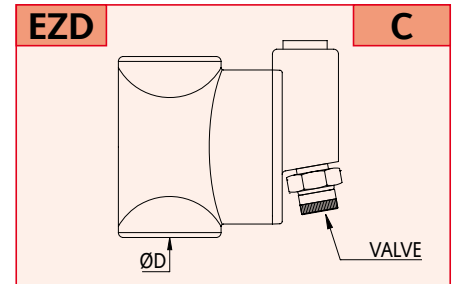
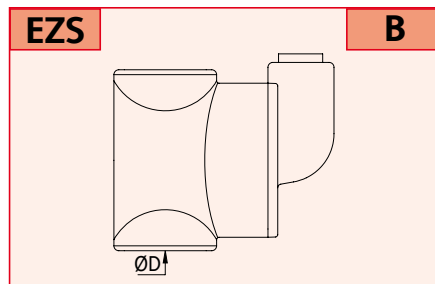
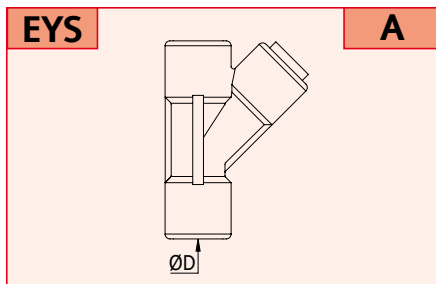
## SEALING FITTINGS - Technical Features

DETAIL "A"	DETAIL "B"	DETAIL "C"	ØD HUBS (UNI6125 OR NPT)
TYPE	TYPE	TYPE	
EYS1	EZS1	EZD1	1/2"
EYS2	EZS2	EZD2	3/4"
EYS3	EZS3	EZD3	1"
-	EZS5	EZD5	1-1/2"
-	EZS6	EZD6	2"
-	EZS7	EZD7	2-1/2"
-	EZS8	EZD8	3"

Sealing compound table

SIZE	QUANTITY [gr]	QUANTITY [gr]
	EYS	EZS - EZD
1	35	140
2	50	140
3	100	140
5	-	390
6	-	570
7	-	1000
8	-	1000

SEALING FITTINGS TO BE SEALED BY MEANS OF CRV-420 BI-COMPONENT SEALING COMPOUND PLEASE REFER TO SEALING TABLE FOR QUANTITIES.



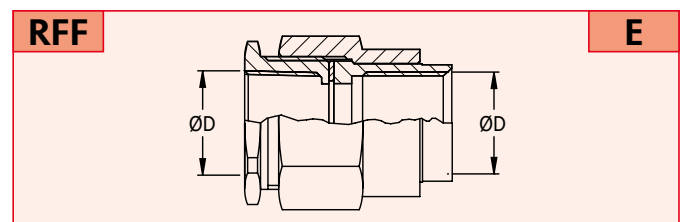
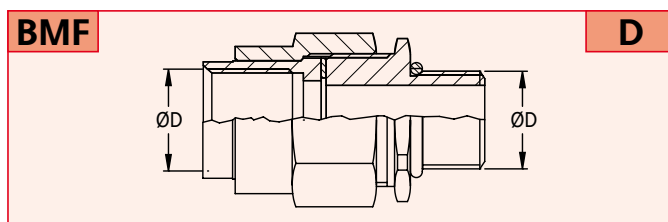
## THREE PIECE UNIONS - Technical Features

THREE PIECE UNION MALE/FEMALE Ex d IIB		
TYPE	ØD	DETAIL
BMF1	1/2"	D
BMF2	3/4"	D
BMF3	1"	D
BMF4	1-1/4"	D
BMF5	1-1/2"	D
BMF6	2"	D
BMF7	2-1/2"	D
BMF8	3"	D

THREE PIECE UNION MALE/FEMALE Ex d IIC		
TYPE	ØD	DETAIL
RMF1	1/2"	D
RMF2	3/4"	D
RMF3	1"	D
RMF4	1-1/4"	D
RMF5	1-1/2"	D
RMF6	2"	D
RMF7	2-1/2"	D
RMF8	3"	D

THREE PIECE UNION FEMALE/FEMALE Ex d IIB		
TYPE	ØD	DETAIL
BFF1	1/2"	E
BFF2	3/4"	E
BFF3	1"	E
BFF4	1-1/4"	E
BFF5	1-1/2"	E
BFF6	2"	E
BFF7	2-1/2"	E
BFF8	3"	E

THREE PIECE UNION FEMALE/FEMALE Ex d IIC		
TYPE	ØD	DETAIL
RFF1	1/2"	E
RFF2	3/4"	E
RFF3	1"	E
RFF4	1-1/4"	E
RFF5	1-1/2"	E
RFF6	2"	E
RFF7	2-1/2"	E
RFF8	3"	E



**REMARK:** Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.