



1/2" male/female union 500142      3/4" male/male union 500144      3/4" Fire retardant union 500147      Female/female "elbow"

### Nickel-plated brass unions

- To be used with multi-conductor cables only

#### Male/female

Tapered thread (NPT)	Tapping NPT	Ø sealing sheath min	Ø sealing sheath max	Weight (Kg)	Volume (dm3)	Cat. No.	Pack
1/2"	1/2"	9	12	0.3	0.2	500142	1
3/4"	3/4"	9	12	0.5	0.4	500143	1

#### Unions for coupling 2 flameproof enclosures

- To be used with multi-conductor cables only

#### Male/Male

Tapered tapping (NPT)	Ø sealing sheath min	Ø sealing sheath max	Weight (Kg)	Volume (dm3)	Cat. No.	Pack
3/4"	9	12	0.4	0.4	500144	1
3/4"	11	14	0.4	0.4	500145	1

### Aluminium fire-retardant unions

#### Female/female

Tapered tapping (NPT)	Weight (Kg)	Volume (dm3)	Cat. No.	Pack
1/2"	0.13	2.3	500146	1
3/4"	0.19	3.2	500147	1
1"	0.32	3.2	500148	1
1"1/4	0.6	3.2	500149	1
1"1/2	0.6	4	500150	1
2"	0.65	7.6	500151	1
2"1/2	1.26	7.6	500152	1
3"	1.33	7.6	500153	1

#### Fire retardant resin

	Weight (Kg)	Volume (dm3)	Cat. No.	Pack
1 Kg pot + 250 g of catalyst	1.5	3.2	500154	1
Fire retardant fibre (1 kg sachet)	1.5	8	500155	1

### Aluminium "elbows"

#### Female/female

Tapered thread (NPT)	Weight (Kg)	Volume (dm3)	Cat. No.	Pack
1/2"	0.125	0.12	500054	1
3/4"	0.1	0.12	500055	1
1"	0.2	0.23	500056	1
1"1/4	0.4	0.5	500057	1
1" 1/2	0.6	0.5	500058	1
3"	1.5	2	500059	1

Zones 1 & 2	ATEX	EC	II 2 G/D	EEx d IIC
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### TECHNICAL DATA

Zones : 1 and 2

#### Classification :

- According to CENELEC
- Conforming to ATEX directive 94/9 EC and standards 50014-18
- Zinc-plated steel unions
- EC 0163  $\text{Ex}$  II 2 G for gas EEx d IIC
- Aluminium fire retardant unions
- EC 0722  $\text{Ex}$  II 2 G for gas EEx d IIC
- Aluminium elbows
- 0722  $\text{Ex}$  II 2 G for gas EEx d IIC

#### Certification :

	Approved type	CENELEC
Zinc-plated steel unions	160	LOM 02 ATEX 2015X
Fire retardant unions	EYS	CESI 03 ATEX 085
Elbows	ELF	CESI 01 ATEX 104U

#### Operating temperatures :

- 20°C to + 40°C for unions
- 40°C to + 60°C for elbows

#### Dimensions (mm) :

	Cat. No.	Dimensions			
		A	B	B1	R
Fire retardant unions	500146	77	57		43
	500147	87	67		50
	500148	105	83		62
	500149	130	84		56
	500150	130	84		56
	500151	140	95		63
	500152	175	113		74
500153	190	135		92	

A: total height  
B: overall lateral dimensions  
R: lateral dimensions in relation to the vertical axis

#### Elbows

	Cat. No.	Dimensions		
		A	H	R
Elbows	500054	73	56	30
	500055	73	56	30
	500056	92	70	35
	500057	115	85	50
	500058	115	85	50
	500059	185	131	85

A: overall dimensions of the elbow  
H: distance between the horizontal output axis and the base plane on a horizontal surface  
R: curvature radius