# NMUMF.. and NMUFF..

## **Three Piece Unions**



Marking to ATEX 94/9/EC Directive:  $\langle E_x \rangle$ II 2 G Ex d IIC Gb / II 2 D Ex tb IIIC Db IP66

Zone: 1, 2, 21, 22 , Gas Group IIC

Compliance with: IEC 60079-0: 2007, IEC 60079-1: 2007, IEC 60079-31: 2008

EC Type Examination Certificate: ISSeP 10 ATEX 002U









### **FEATURES**

- Unions are used in electrical conduit installations to enable connections and rotations of pipes, enclosures and equipments independent of each other.
- Made of three pieces in two types of Male/Female and Female/Female.
- Sizes and standard thread available are ½" ~ 3" NPT. Other threads supplied on request.
- Material and Finish: Manufactured as standard in galvanized steel. Alternative materials and plating are available on request.





NMUMF Male/Female

**NMUFF** Female/Female

S	SIZE REF.	NMUMF1 or NMUFF1	NMUMF2 or NMUFF2	NMUMF3 or NMUFF3	NMUMF4 or NMUFF4	NMUMF5 or NMUFF5	NMUMF6 or NMUFF6	NMUMF7 or NMUFF7
IN	NCH NPT	1/2″	3/4"	1″	1 ½″	2″	2 ½″	3″

### **ORDERING INFORMATION**

Specify size reference, thread form and material.

Male or Female entries.

Example: For 1" NPT Female/Female galvanized steel union: NMUFF3 galvanized steel.



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### **Elbows**



Marking to ATEX 94/9/EC Directive: (Ex) II 2 G Ex d IIC Gb / II 2 D Ex tb IIIC Db IP66

Zone: 1, 2, 21, 22 , Gas Group IIC

Compliance with: IEC 60079-0: 2007, IEC 60079-1: 2007, IEC 60079-31: 2008

EC Type Examination Certificate: ISSeP 10 ATEX 002U









### **FEATURES**

- 90° elbows are used in electrical conduit installations to change direction.
- Certified nipples are used with Female/Female elbows to obtain Female/Male or Male/Male entries.
- Sizes and standard thread available are ½" to 4" NPT. Other threads supplied on request.
- Material: copper free aluminium alloy.



SIZE REF.	NME1	NME2	NME3	NME4	NME5	NME6	NME7	NME8	NME9
INCH NPT	1/2″	3/4"	1″	1 1/4"	1 ½″	2″	2 ½″	3″	4″

### **ORDERING INFORMATION**

Specify size reference and thread form (NPT, ISO metric, ...)

Male or Female entries.

Example: For 1/2" NPT Male/Female elbow: NME1 / 1/2" NPT / MF

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## NMHSF..

# **Horizontal Sealing Fittings**



Marking to ATEX 94/9/EC Directive:  $\langle Ex \rangle$  II 2 G Ex d IIC Gb / II 2 D Ex tb IIIC Db IP66

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Compliance with: IEC 60079-0: 2007, IEC 60079-1: 2007, IEC 60079-31: 2008

EC Type Examination Certificate: ISSeP 10 ATEX 002U









### **FEATURES**

- NMHSF sealing fittings are installed in horizontal or vertical position in electrical conduit installations, in explosive atmospheres, to prevent passage of gases, vapours or flame through conduit system from one part to another. They are used as close as possible to the Ex 'd' housing and completely filled with approved sealing compound.
- Material and thread: copper free aluminium alloy. Standard thread is INCH NPT. Other threads on request.



SIZE REF.	NMHSF1	NMHSF2	NMHSF3	NMHSF4	NMHSF5	NMHSF6	NMHSF7	NMHSF8
INCH NPT	1/2″	3/4"	1″	1 ½″	2″	2 ½″	3″	4″

### **ORDERING INFORMATION**

Specify size reference and thread form (NPT, ISO metric, ...)

Example: For 3/4" NPT Horizontal Sealing Fitting: NMHSF2 / 3/4" NPT



## NMVSF...

# **Vertical Sealing Fitting**



Marking to ATEX 94/9/EC Directive: ⟨ξχ⟩ II 2 G Ex d IIC Gb / II 2 D Ex tb IIIC Db IP66

Zone: 1, 2, 21, 22 , Gas Group IIC

Compliance with: IEC 60079-0: 2007, IEC 60079-1: 2007, IEC 60079-31: 2008

EC Type Examination Certificate: ISSeP 10 ATEX 002U









### **FEATURES**

- NMVSF sealing fittings are installed vertically in electrical conduit installations, in explosive atmospheres, to prevent passage of gases, vapours or flame through conduit system from one part to another. They are used as close as possible to the Ex 'd' housing and completely filled with approved sealing compound.
- NMVSF are manufactured in two different types. The first from ½" to 1" and the second, which has an additional lateral entry to ease introduction of fiber, from 1½" to 4."
- Material and thread: copper free aluminium alloy. Standard thread is INCH NPT. Other threads on request.







11/2" to 4"

SIZE REF.	NMVSF1	NMVSF2	NMVSF3	NMVSF4	NMVSF5	NMVSF6	NMVSF7	NMVSF8
INCH NPT	1/2″	3/4"	1″	1 ½″	2″	2 ½″	3″	4″

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### **ORDERING INFORMATION**

Specify size reference and thread form (NPT, ISO metric, ...)

Example: For 2" NPT Vertical Sealing Fitting: NMVSF5 / 2" NPT



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