

## LEGEND



Approved for water



Approved for gas

All our certificates could be downloaded from our web site:

**[www.mbmitalia.com](http://www.mbmitalia.com)**

In our web site you will find also installation's example, new articles,  
informations constantly up dated about old  
and new promulgation regulations and even more besides...



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# EXTENSIBLE JOINTS

Price list 10





CHIMINEY





The Company

# AND GAS HOSES

The company was built on an area of 10,000 square meters rationally divided into areas of production, finished goods warehouse, sales offices and labs for quality control.

MBM 'was the first and perhaps the only company able to compete on several types of products through its innovative patents for improved manufacturing processes and design of parts for which it also received Community-wide recognition.

The close cooperation with large foreign companies led MBM to be one of the leading providers in chimney and gas / water hoses, thanks to technological know-how acquired by them.

Like a few other companies MBM is the only one which builds everything in it's own factory from simple sheet metal strip up to the finished product ready for delivery.

The products sold are certified by leading agencies such as IMG, AENOR, Istituto Masini, TUV, AENOR, GOST ,Ist.GIORDANO, PROMATOMNADZOR etc.

## UNICOOKER

Flexible joints approved by the normative EN 14800.

Safety hose in metal for use with domestic devices on natural gas of type 2 DN 12, suitable for use in areas subject to fire reaction regulation, against the stray currents and the external aggressions.



### UNICOOKER FG/FG MARKED CE

TYPE	CODE	THREAD	DN	LENGHT	Pieces for box	EURO
F.G - F.G	68220	1/2"	12	500	12	20,59
F.G - F.G	68221	1/2"	12	750	12	21,77
F.G - F.G	68222	1/2"	12	1000	12	23,44
F.G - F.G	68223	1/2"	12	1250	12	25,34
F.G - F.G	68224	1/2"	12	1500	12	26,93
F.G - F.G	68225	1/2"	12	2000	12	30,33

### UNICOOKER MF/FG MARKED CE

TYPE	CODE	THREAD	DN	LENGHT	Pieces for box	EURO
M.F - F.G	68230	1/2"	12	500	12	21,61
M.F - F.G	68231	1/2"	12	750	12	22,89
M.F - F.G	68232	1/2"	12	1000	12	24,94
M.F - F.G	68233	1/2"	12	1250	12	26,60
M.F - F.G	68234	1/2"	12	1500	12	28,43
M.F - F.G	68235	1/2"	12	2000	12	31,83

### TECHNICAL CARD

TUBE	STAINLESS STEEL AISI 321 TO PARALLEL WAVES
THICKNESS	0,16 mm.
MALE	HI SPEED STAINLESS STEEL AISI 303
THREAD MALE	NORMATIVE EN 10226-2
ENDFITTING NUT CARRIER	HI SPEED STAINLESS STEEL AISI 303
NUT	BRASS NORMATIVE EN 12164/12165
NUT THREAD	NORMATIVE EN ISO 228-1
SHEAT	PVC

MESH	STAINLESS STEEL AISI 304
WELDING	TIG WELDING WITHOUT ANY CONTRIBUTION OF MATERIAL CHECKED AT ATMOSPHERE ACCORDING TO THE NORMATIVE EN 1418
EXERCISE TEMPERATURE	-10° / +90°
APPLICATION	STATIC
NORMATIVE	EN 14800/2007
USE	FOR DOMESTIC CONNECTION APPLIANCE ON NATURAL GAS AND GPL
EXERCISE PRESSURE	6 BAR MAX
GASKETS	RUBBER NORMATIVE EN 549

Stainless steel flexible extensible joints.

The external polyolefin heat-shrinking flame-proof and nontoxic, used for the gas/water system connections from boilers, water heaters, etc etc...



TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
M.F. - F.G.	70120	1/2"	15	75/130	18	6,06
M.F. - F.G.	70121	1/2"	15	100/200	18	6,39
M.F. - F.G.	70122	1/2"	15	200/400	18	7,47
M.F. - F.G.	70123	1/2"	15	260/480	18	8,17
TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
M.F. - F.G.	70200	3/4"	20	75/130	18	8,30
M.F. - F.G.	70201	3/4"	20	100/200	18	8,79
M.F. - F.G.	70202	3/4"	20	200/400	18	11,28
M.F. - F.G.	70203	3/4"	20	260/520	18	12,78
TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
M.F. - F.G.	70204	1/2" 3/4"	15	75/130	18	7,05
M.F. - F.G.	70205	1/2" 3/4"	15	100/200	18	7,72
M.F. - F.G.	70206	1/2" 3/4"	15	200/400	18	9,46
M.F. - F.G.	70207	1/2" 3/4"	15	260/520	18	11,04
TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
M.F. - F.G.	70250	1"	25	75/130	18	12,36
M.F. - F.G.	70251	1"	25	100/200	18	13,03
M.F. - F.G.	70252	1"	25	200/400	18	16,93
M.F. - F.G.	70253	1"	25	260/520	18	19,17

### TECHNICAL CARD

TUBE	STAINLESS STEEL AISI 316 TO PARALLEL WAVES	PROTECTION SHEAT	PLASTIC MATERIAL FLAME-PROOF, NON TOXIC YELLOW COLOUR
THICKNESS	0,21 mm.	GASKETS	RUBBER NORMATIVE EN 549
MALE	HI SPEED STAINLESS STEEL AISI 303	TERMIC TREATMENT	SOLUBILIZED TUBE
THREAD MALE	NORMATIVE EN 10226-2	WELDING	TIG WELDING WITHOUT ANY CONTRIBUTION OF MATERIAL CHECKED AT MOSPHERE ACCORDING TO THE NORMATIVE EN 1418
ENDFITTING NUT CARRIER	HI SPEED STAINLESS STEEL AISI 303	EXERCISE TEMPERATURE	-10° / +90°
NUT	BRASS NORMATIVE EN 12164/12165	APPLICATION	STATIC
NUT THREAD	NORMATIVE EN ISO 228-1		

### MAXIMUM EXERCISE PRESSURE TABLE

DIAMETER	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
GAS USE	0,5 BAR	0,5 BAR	0,5 BAR	0,5 BAR	0,5 BAR	0,5 BAR
WATER USE	8 BAR	8 BAR	8 BAR	8 BAR	8 BAR	8 BAR

### CURVATURE MINIMUM RANGE TABLE

DIAMETER	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
MINIMUM RANGE IN MM.	30	40	45	50	55	60

Nut brass with milled antitorcion.  
Extensible flexible connections inox aisi 321L.



TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
M.F. - F.G.	71120	1/2"	15	75/130	18	5,20
M.F. - F.G.	71121	1/2"	15	100/200	18	5,51
M.F. - F.G.	71122	1/2"	15	200/400	18	6,56
M.F. - F.G.	71123	1/2"	15	260/520	18	7,13
TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
M.F. - F.G.	71200	3/4"	20	75/130	18	7,09
M.F. - F.G.	71201	3/4"	20	100/200	18	7,62
M.F. - F.G.	71202	3/4"	20	200/400	18	9,69
M.F. - F.G.	71203	3/4"	20	260/520	18	11,01
TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
M.F. - F.G.	71250	1"	25	75/130	18	10,79
M.F. - F.G.	71251	1"	25	100/200	18	11,24
M.F. - F.G.	71252	1"	25	200/400	18	14,48
M.F. - F.G.	71253	1"	25	260/520	18	16,37
TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
M.F. - F.G.	71400	1 1/4"	32	75/130	18	19,23
M.F. - F.G.	71401	1 1/4"	32	100/200	18	20,97
M.F. - F.G.	71402	1 1/4"	32	200/400	18	25,19
M.F. - F.G.	71403	1 1/4"	32	260/520	18	29,66
M.F. - F.G.	71404	1 1/2"	40	100/200	18	25,65
M.F. - F.G.	71405	1 1/2"	40	200/400	18	31,68
M.F. - F.G.	71406	1 1/2"	40	260/520	18	35,75
M.F. - F.G.	71407	2"	50	100/200	18	35,90
M.F. - F.G.	71408	2"	50	200/400	18	39,98
M.F. - F.G.	71409	2"	50	260/520	18	45,26
TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
M.F. - F.G.	71300	1/2" - 3/4"	15	75/130	18	6,03
M.F. - F.G.	71301	1/2" - 3/4"	15	100/200	18	6,56
M.F. - F.G.	71302	1/2" - 3/4"	15	200/400	18	8,07
M.F. - F.G.	71303	1/2" - 3/4"	15	260/520	18	9,47

## TECHNICAL CARD

TUBE	STAINLESS STEEL AISI 321 TO PARALLEL WAVES
THICKNESS	0,21 mm.
MALE	HI SPEED STAINLESS STEEL AISI 303
THREAD MALE	NORMATIVE EN 10226-2
ENDFITTING NUT CARRIER	HI SPEED STAINLESS STEEL AISI 303
NUT	BRASS BY NORMATIVE EN 12164/12165

NUT THREAD	NORMATIVE EN ISO 228-1
TERMIC TREATMENT	SOLUBILIZED TUBE
WELDING	TIG WELDING WITHOUT ANY CONTRIBUTION OF MATERIAL CHECKED AT ATMOSPHERE ACCORDING TO THE NORMATIVE EN 1418
EXERCISE TEMPERATURE	-10° / +90°
APPLICATION	STATIC

## MAXIMUM EXERCISE PRESSURE TABLE

DIAMETER	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
WATER USE	8 BAR	8 BAR	8 BAR	5 BAR	5 BAR	5 BAR

## CURVATURE MINIMUM RANGE TABLE

DIAMETER	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
MINIMUM RANGE IN MM.	30	40	45	50	55	60



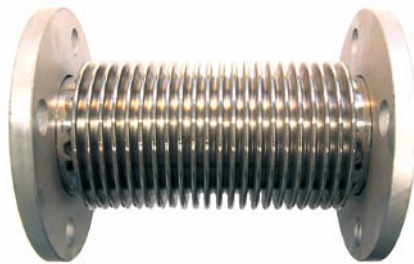
Flexible joint for the connection to the gas system from burners,boilers,autoclaves,etc...



Flexible joint for gas

Maximum exercise pressure 0.5 bar

TYPE	CODE	Ø	Pieces for box	EURO
M.F. - M.F.	00100	1/2"	1	8,15
M.F. - M.F.	00101	3/4"	1	9,16
M.F. - M.F.	00102	1"	1	12,07
M.F. - M.F.	00103	1.1/4"	1	16,90
M.F. - M.F.	00104	1.1/2"	1	21,12
M.F. - M.F.	00105	2"	1	27,76



Flexible joint for gas

Maximum exercise pressure 0.5 bar

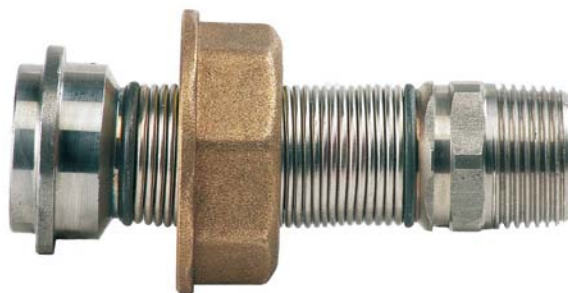
TYPE	CODE	Ø	Pieces for box	EURO
FLANGED	00106	DN 65	1	103,79
FLANGED	00107	DN 80	1	130,76
FLANGED	00108	DN 100	1	156,55
FLANGED	00109	DN 125	1	203,28
FLANGED	00110	DN 150	1	252,38
FLANGED	00111	DN 200	1	281,54

Flexible joints upto DN2" with stainless steel tube, jointed with fixed males in steel FE37 with gas thread ISO7/1. From DN2" these are made by more walls bellow in stainless steel aisi321, both ends have swivel flanges in ASTM 105 GR.B with drilling UNIPN10. The blending sides is made by tig welding without material contribution, is suitable for applications where the thermic capacity is 35KW major. All the pieces are subject to leak test using testing progress with air draft.

Flexible and extensible stainless steel joint for connection between gas system and domestic devices.



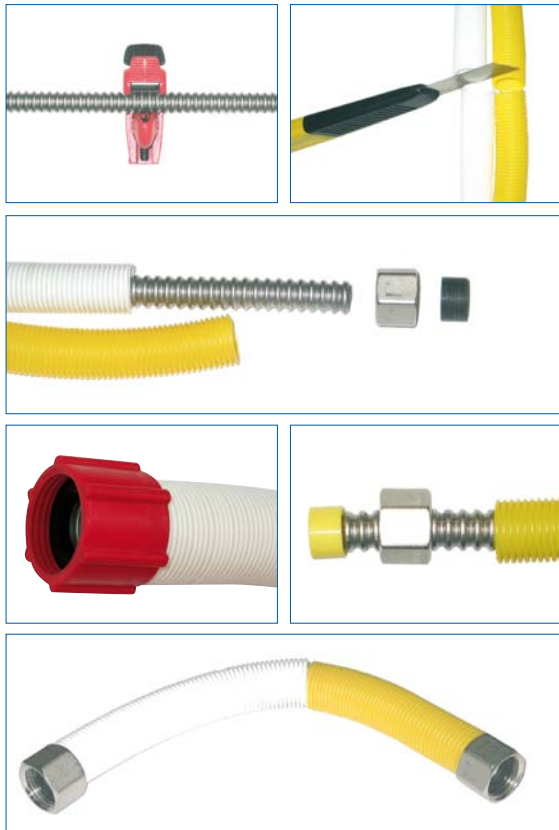
TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
F.F. - F.G.	64200	3/4 - 1"	20	100/200	18	12,11
F.F. - F.G.	64201	3/4 - 1"	20	200/400	18	14,18
F.F. - F.G.	64202	3/4 - 1"1/4"	20	100/200	18	16,59
F.F. - F.G.	64203	3/4 - 1"1/4"	20	200/400	18	19,46
F.F. - F.G.	64250	1 - 1"1/4"	25	100/200	18	17,73
F.F. - F.G.	64251	1 - 1"1/4"	25	200/400	18	21,01



TYPE	CODE	THREAD	DN	LENGHT min/max	Pieces for box	EURO
M.F. - F.G.	64204	3/4 - 1"	20	100/200	18	12,11
M.F. - F.G.	64205	3/4 - 1"	20	200/400	18	14,18
M.F. - F.G.	64206	3/4 - 1"1/4"	20	100/200	18	16,59
M.F. - F.G.	64207	3/4 - 1"1/4"	20	200/400	18	19,46
M.F. - F.G.	64252	1 - 1"1/4"	25	100/200	18	17,73
M.F. - F.G.	64253	1 - 1"1/4"	25	200/400	18	21,01

# FREE JOINT

## FREE JOINT EUROPA



Patented system



TUV Test strenght to the 48 bar  
hydraulic pressure  
Technical report  
No. MEC 06021 - Rev. 00  
Dated 2006-02-24



## FREE JOINT ITALIA



The FREEJOINT is a flexible semi-rigid hose made in stainless steel laisi 304l without final joints. This product can be used by the installer to realize the flexible non extensible hoses at the necessary lenght to connect the appliances (water, heater, fan coils, boilers, sanitary fixtures, etc...) to water network. Fast to use, it need insert its nut and gasket PATENTED on the tube to have in a few seconds the fitting joining ready to tightening without the folder use.








TYPE	CODE	Description	Pieces for box	EURO
F./F.	58000	Uniwater tubes DN 1/2"	1	3,60 (al mt.)
F./F.	58200	Uniwater tubes DN 3/4"	1	4,39 (al mt.)

CALIBRATED KEY

This special key for nylon nut was designed to make correct degree of tightening of the same, ensuring tubes proper installation: ATTENTION!! An excessive clamping force can damage the correct function as provided by patent.



	CODE	Pieces for box	Description	EURO
	65032B	100	Nut DN 1/2" nylon 6f/v 30% BLUE	0,26
	65032R	100	Nut DN 1/2" nylon 6f/v 30% RED	0,26
	65033B	100	Nut DN 3/4" nylon 6f/v 30% BLUE	0,30
	65033R	100	Nut DN 3/4" nylon 6f/v 30% RED	0,30
	65141	100	Rubber for tube 1/2" EPDM T160° for water	0,26
	65142	100	Rubber for tube 3/4" EPDM T160° for water	0,26
	65139	100	Brass nickel nut DN 1/2"	0,79
	65140	100	Brass nickel nut DN 3/4"	1,36
	65143	100	Yellow rubber 1/2" PHV705 T250° for water and gas (where approved)	0,45
	65144	100	Yellow rubber 3/4" PHV705 T250° for water and gas (where approved)	0,49
	65034	100	nipples M/M DN 1/2" nylon 6f/v 30%	0,34
	65035	100	nipples M/M DN 3/4" nylon 6f/v 30%	0,38
	65036	1	calibrated key for free joint	1,02
	65037B	1	flexible corrugate white sheath 1/2"	0,94 (to the mt.)
	65037G	1	flexible corrugate yellow sheath 1/2"	0,94 (to the mt.)
	65038B	1	flexible corrugate white sheath 3/4"	0,72 (to the mt.)
	65038G	1	flexible corrugate yellow sheath 3/4"	0,72 (to the mt.)