Flexible pipes for gas series AF 1111

The metal flexible pipes of series AF 1111 are particularly suitable for the feeding of burners for methane gas or other fuel gas of the first, second and third family and air in industrial combustion systems. They are realized according to norm DIN 3384 and are certified CE .

The AF pipes are corrugated to maximize flexibility and resistance.

External metal braid improves their strength.
Sturdy compact construction, fully on metal, is an attractive feature for strongly heavy industrial applications, whether for temperatures or for working pressures.

TECHNICAL FEATURES

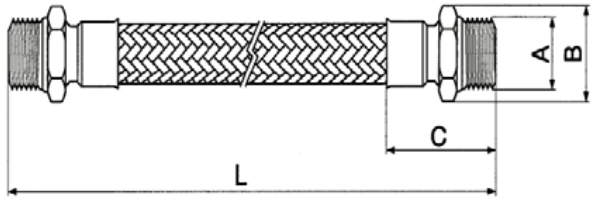
Standard construction material	AISI 321 – other material on request, check here below
Coating plait material	AISI 304
Max pressure	16 bar up to DN25, 4 bar up to DN50
Working temperature	-20 ÷ +600 °C

FEATURES

- Perfect leak-tightness
- High resistance to flame
- High tolerance to corrosion
- Flexible compensator materials on request :
  - ASTM A 240 TP 316L (AISI 316L)
  - ASTM B 168 (INCONEL 600)
  - ASTM B 333 (HASTELLOY B)
  - Cu Sn 6 (Bronze)
  - MONEL
  - AISI 316Ti
- Male screwed connection made of steel INOX 1.4305
- Male or female pipe union made of three steel pieces (screwed on the connector) made of cast iron
- Connector coupling by TIG soldering in controlled atmosphere

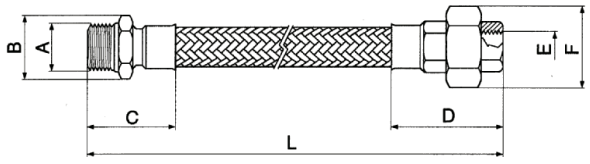
MODELS

CONNECTIONS: FIXED MALE/FIXED MALE



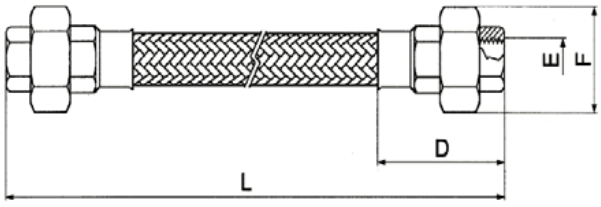
DN	10	15	20	25	32	40	50
A*	3/8	1/2	3/4	1	1.1/4	1.1/2	2
B	17	22	27	36	42	50	60
C	29	33	39	45	50	51	57

CONNECTIONS: FIXED MALE/PIPE UNION FEMALE



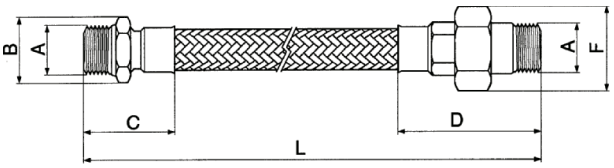
DN	10	15	20	25	32	40	50
A*	3/8	1/2	3/4	1	1.1/4	1.1/2	2
B	17	22	27	36	42	50	60
C	29	33	39	45	50	51	57
D	55	58	66	73	83	100	110
E*	3/8	1/2	3/4	1	1.1/4	1.1/2	2
F	32	41	50	55	70	75	90

CONNECTIONS: PIPE UNION FEMALE/PIPE UNION FEMALE



DN	10	15	20	25	32	40	50
E*	3/8	1/2	3/4	1	1.1/4	1.1/2	2
F	32	41	50	55	70	75	90
D	55	58	66	73	83	100	110

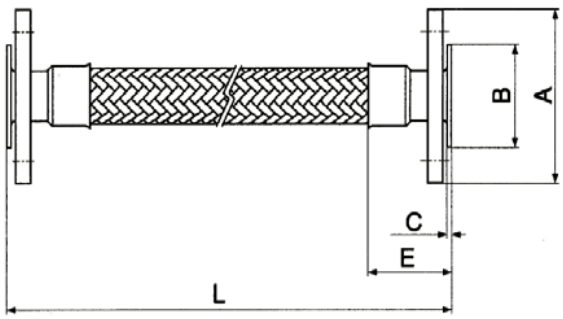
CONNECTIONS: FIXED MALE/PIPE UNION FEMALE



DN	10	15	20	25	32	40	50
A*	3/8	1/2	3/4	1	1.1/4	1.1/2	2
B	17	22	27	36	42	50	60
C	29	33	39	45	50	51	57
D	55	58	66	73	83	100	110
F	32	41	50	55	70	75	90

A* - E* = threading according to ISO 7/1
L = standard lengths as per our price list (special lengths can be supplied on request)

CONNECTIONS: SLIDING FLANGES



DN	10	15	20	25	32	40	50	65	80	100
A	90	95	105	115	140	150	205	185	200	220
B	40	45	58	68	78	88	102	152	138	158
C	2	2	2	3	3	3	3	3	3	3
D	27	33	33	36	41	41	43	48	48	50
E	37	45	47	51	59	59	63	73	78	82

Flanges PN 16 according to ISO 7005
L = standard lengths as per our price list (special lengths can be supplied on request)

All the reported data are subject to be changed without notice. **from 140906**

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