

MAMBA M

Mamba M

- All-metal hose
- Commonly used in high-temperature vacuum applications and high-pressure corrosive environments where permeation is undesirable.

CoreDux base hose range

Nominal Hose Size [in. (mm)]	Hose material	Braid material	Hose Inside dia. [in. (mm)]	Hose outside dia. [in. (mm)]	Minimum centre line bend radius		Working pressure at 70°F (20°C) [psig (bar)]	Minimum Burst Pressure at 70°F (20°C) [psig (bar)]	Temp. Range [°F (°C)]
					Static [in. (mm)]	Dynami c [in. (mm)]			
1/4" DN006	316L SS	316L SS	0,23 (5,9)	0,51 (13)	0,99 (25)	4,33 (110)	3698 (255)	14792 (1020)	-325 to 850 (-200 to 454)
3/8" DN010	316L SS	316L SS	0,39 (10)	0,70 (17,8)	1,5 (38)	5,91 (150)	2103 (145)	8412 (580)	-325 to 850 (-200 to 454)
1/2" DN012	316L SS	316L SS	0,47 (11,8)	0,80 (20,2)	1,78 (45)	6,50 (165)	2030 (140)	8120 (560)	-325 to 850 (-200 to 454)
3/4" DN020	316L SS	316L SS	0,71 (17,9)	1,21 (30,7)	2,76 (70)	8,85 (225)	1813 (125)	7252 (500)	-325 to 850 (-200 to 454)
1" DN025	316L SS	316L SS	0,95 (24,2)	1,50 (38)	3,35 (85)	10,24 (260)	1798 (124)	7192 (496)	-325 to 850 (-200 to 454)

Compliance

- EN ISO 9001
- EN ISO 10380 / ASME 31.3

Packaging

- Each hose is bagged individually and boxed. Longer hoses are coiled, bagged and boxed.

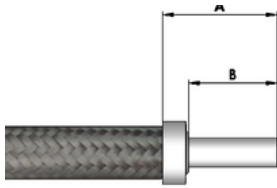
Cleanliness

- Standard deliveries: White room
- Vacuum, Ultra high purity: possible upon request

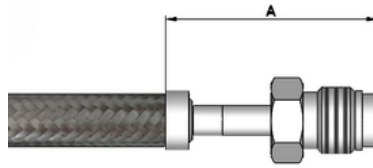
Product tests

- Helium leak test (1x10⁻⁵ std cm3/s)
- Additional options: he leak test 1x10⁻⁹ std cm3/s

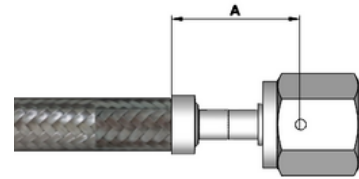
MAMBA M End connections



Tube adapter



MFSM (male*)



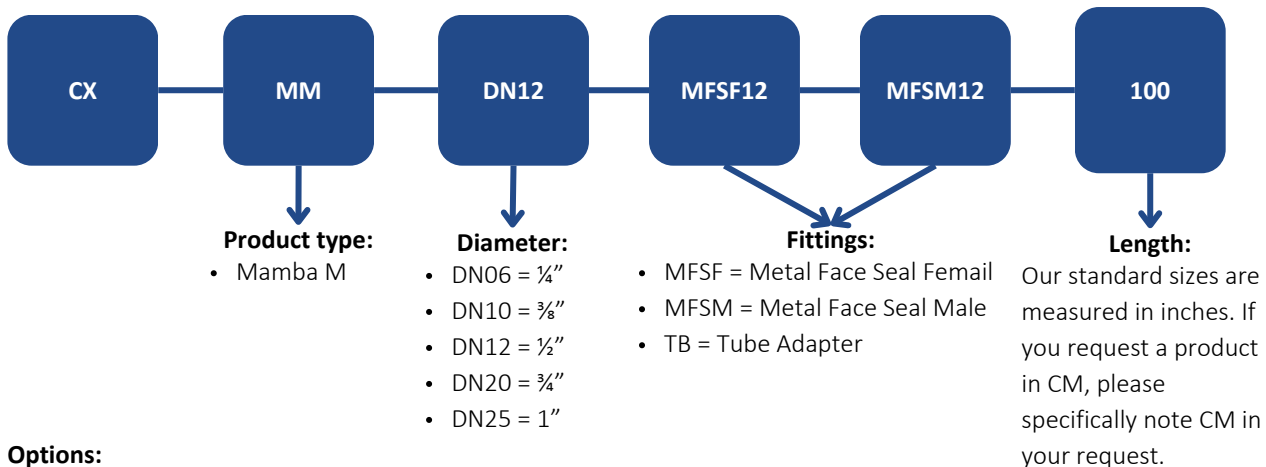
MFSF (female*)

**Male and female adapter not available in 3/8"*

Working pressure - temperature ratings may be limited by the end connections.

Nominal Hose Size in.(mm)	Tube Adapter	
	Stub thickness [in.(mm)]	Stub Outside Dia. [in.(mm)]
1/4" DN006	0,035 (19)	0,25 (24,7)
3/8" DN010	0,035 (19)	0,375 (29,8)
1/2" DN012	0,035 (19)	0,5 (29,9)
3/4" DN020	0,035 (19)	0,75 (35)
1" DN025	0,035 (19)	1 (38)

Ordering instructions



Options:

- Labelling requirements
- Ultra High purity
- Helium leak test (1x10⁻⁹ cm³ std/s)
- Hydrostatic test
- Nitrogen pressure test