

MAMBA L

Mamba L

- Highly flexible all-metal hose
- Commonly used in high-temperature or general purpose dynamic-cycling applications.

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	321 SS	0,24 (6)	0,45 (11,4)	0,79 (20)	4,33 (110)	2175 (150)	8700 (600)	-325 to 800 (-200 to 426)
3/8" DN010	316L SS	316L SS	0,40 (10,1)	0,70 (17,8)	0,79 (20)	4 (102)	1668 (115)	6672 (460)	-325 to 800 (-200 to 426)
1/2" DN012	316L SS	321 SS	0,49 (12,4)	0,80 (20,2)	1,54 (39)	6,50 (165)	1200 (82,6)	4800 (330)	-325 to 800 (-200 to 426)
3/4" DN020	316L SS	316L SS	0,78 (19,9)	1,18 (29,9)	1,50 (38)	6,4 (163)	860 (59,3)	3440 (237)	-325 to 800 (-200 to 426)
1" DN025	316L SS	316L SS	0,98 (24,9)	1,43 (36,4)	1,78 (45)	7,1 (180)	680 (46,8)	2720 (187)	-325 to 800 (-200 to 426)

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

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End connections



Tube adapter



MFSM (male*)



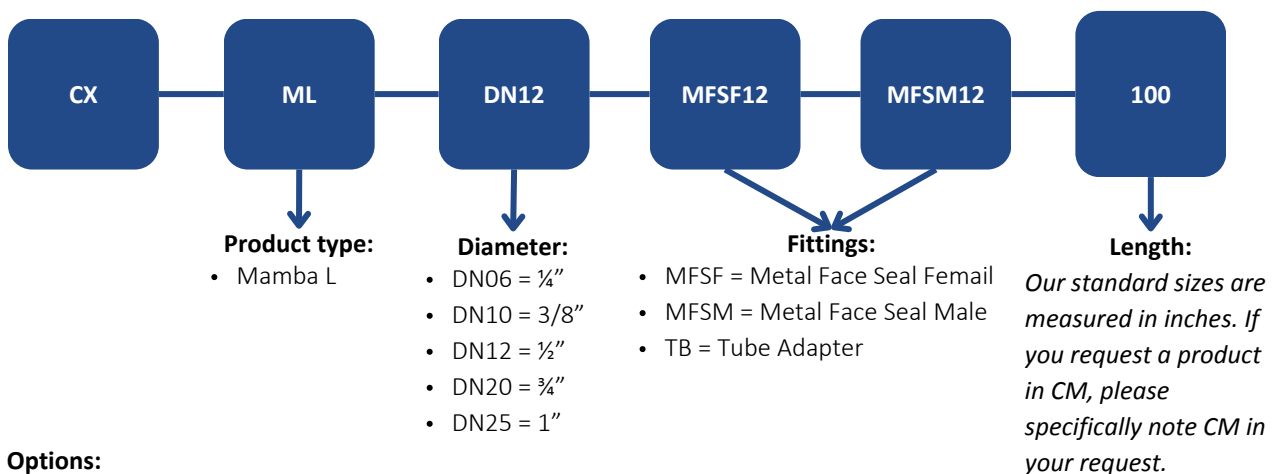
MFSF (female*)

**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 Adaptor	
	Stub thickness [in.(mm)]	Stub Outside Dia. [in.(mm)]
1/4" DN006	0,035 (0,89)	0,25 (6,35)
3/8" DN010	0,035 (0,89)	0,375 (9,53)
1/2" DN012	0,049 (1,24)	0,5 (12,7)
3/4" DN020	0,049 (1,24)	0,75 (19,05)
1" DN025	0,065 (1,65)	1 (25,4)

Ordering instructions



Options:

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