

Mamba M

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

CoreDux base hose range									
Nominal Hose Size [mm (in.)]	Hose material	Braid material	Hose Inside dia. [mm (in.)]	Hose outside dia. [mm (in.)]	Minimum centre line bend radius		Working pressure at 20°C (70°F) [bar (psig)]	Minimum Burst Pressure at 20°C (70°F) [bar (psig)]	Temp. Range [°C (°F)]
					Static [mm (in.)]	Dynamic [mm (in.)]			
DN006 1/4"	316L SS	316L SS	5,9 (0.23)	13 (0.51)	25 (0.99)	110 (4.33)	255 (3698)	1020 (14792)	-200 to 454 (-325 to 850)
DN010 3/8"	316L SS	316L SS	10 (0.39)	17,8 (0.70)	38 (1.5)	150 (5.91)	145 (2103)	580 (8412)	-200 to 454 (-325 to 850)
DN012 1/2"	316L SS	316L SS	11,8 (0.47)	20,2 (0.80)	45 (1.78)	165 (6.50)	140 (2030)	560 (8120)	-200 to 454 (-325 to 850)
DN020 3/4"	316L SS	316L SS	17,9 (0.71)	30,7 (1.21)	70 (2.76)	225 (8.85)	125 (1813)	500 (7252)	-200 to 454 (-325 to 850)
DN025 1"	316L SS	316L SS	24,2 (0.95)	38 (1.50)	85 (3.35)	260 (10.24)	124 (1798)	496 (7192)	-200 to 454 (-325 to 850)

Compliance

- EN ISO 9001
- EN ISO 10380 / ASME 31.3

Cleanliness

- Standard deliveries: White room
- Oxygen: possible upon request

Packaging

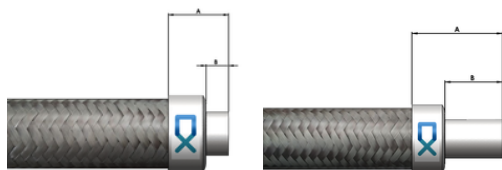
- Each hose is bagged individually and boxed. Longer hoses are coiled, bagged and boxed.

Product tests

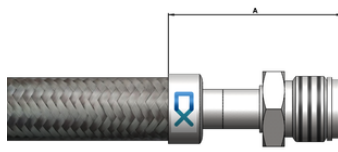
- Helium leak test (1×10^{-5} std cm³/s)
- Additional options: helium leak test 1×10^{-9} std cm³/s



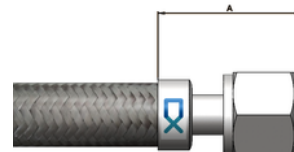
MAMBA M End connections



Tube Adapters



Metal Face Seal Male*



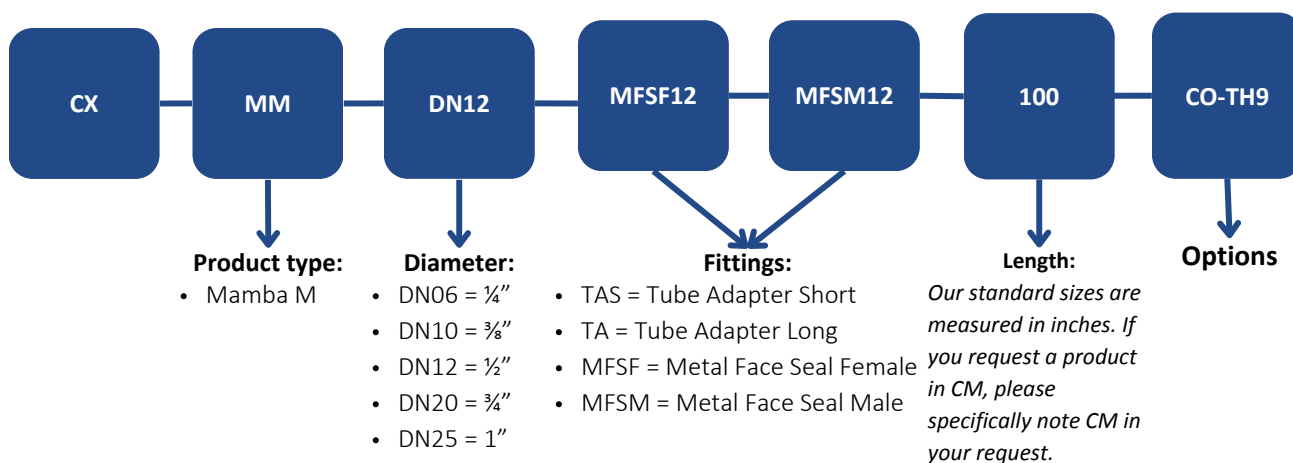
Metal Face Seal Female*

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

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

CoreDux integrates all A-brand suppliers, customer specifications are leading.

Nominal Hose Size mm(in.)	Tube Adapters						MFSM	MFSF
	Wall thickness [mm(in.)]	Stub Outside Dia. [mm(in.)]	Short Length A [mm(in.)]	Short Length B [mm(in.)]	Long Length A [mm(in.)]	Long Length B [mm(in.)]	Length A [mm(in.)]	Length A [mm(in.)]
DN006 1/4"	0,89 (0.035)	6,35 (0.25)	12,2 (0.44)	6,5 (0.35)	24,7 (0.97)	19 (0.35)	42,7 (1.68)	27,4 (1.08)
DN010 3/8"	0,89 (0.035)	9,53 (0.375)	17,3 (0.68)	6,5 (0.35)	29,8 (1.17)	19 (0.35)	N/A	N/A
DN012 1/2"	1,24 (0.049)	12,7 (0.5)	17,4 (0.69)	6,5 (0.35)	29,9 (1.18)	19 (0.35)	55,5 (2.19)	33,2 (1.31)
DN020 3/4"	1,24 (0.049)	19,05 (0.75)	N/A	N/A	35 (1.38)	19 (0.35)	85,8 (3.38)	85,8 (3.38)
DN025 1"	1,65 (0.065)	25,4 (1)	N/A	N/A	38 (1.5)	19 (0.35)	94,4 (3.72)	94,4 (3.72)



Options:

- CO = Oxygen Clean (CO)
- TH9 = Helium leak test (1x10⁻⁹ cm3 std/s) (TH9)
- THY = Hydrostatic test (THY)
- TNP = Nitrogen pressure test (TNP)
- Labelling requirements (Specify colour and content separately)