

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 [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	321 SS	6 (0.24)	11,4 (0.45)	20 (0.79)	110 (4.33)	150 (2175)	600 (8700)	-200 to 426 (-325 to 800)
DN010 3/8"	316L SS	316L SS	10,1 (0.40)	17,8 (0.70)	20 (0.79)	102 (4)	115 (1668)	460 (6672)	-200 to 426 (-325 to 800)
DN012 1/2"	316L SS	321 SS	12,4 (0.49)	20,2 (0.80)	39 (1.54)	165 (6.50)	82,6 (1200)	330 (4800)	-200 to 426 (-325 to 800)
DN020 3/4"	316L SS	316L SS	19,9 (0.78)	29,9 (1.18)	38 (1.50)	163 (6.4)	59,3 (860)	237 (3440)	-200 to 426 (-325 to 800)
DN025 1"	316L SS	316L SS	24,9 (0.98)	36,4 (1.43)	45 (1.78)	180 (7.1)	46,8 (680)	187 (2720)	-200 to 426 (-325 to 800)

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.

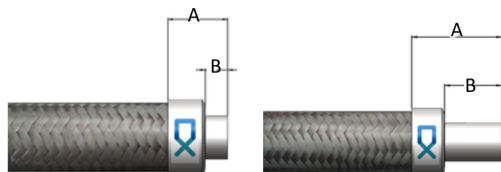
Product tests

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

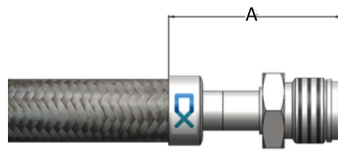


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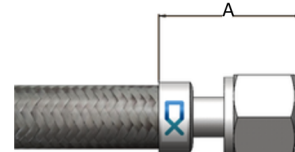
End connections



Tube adapters



Metal Face Seal Male*



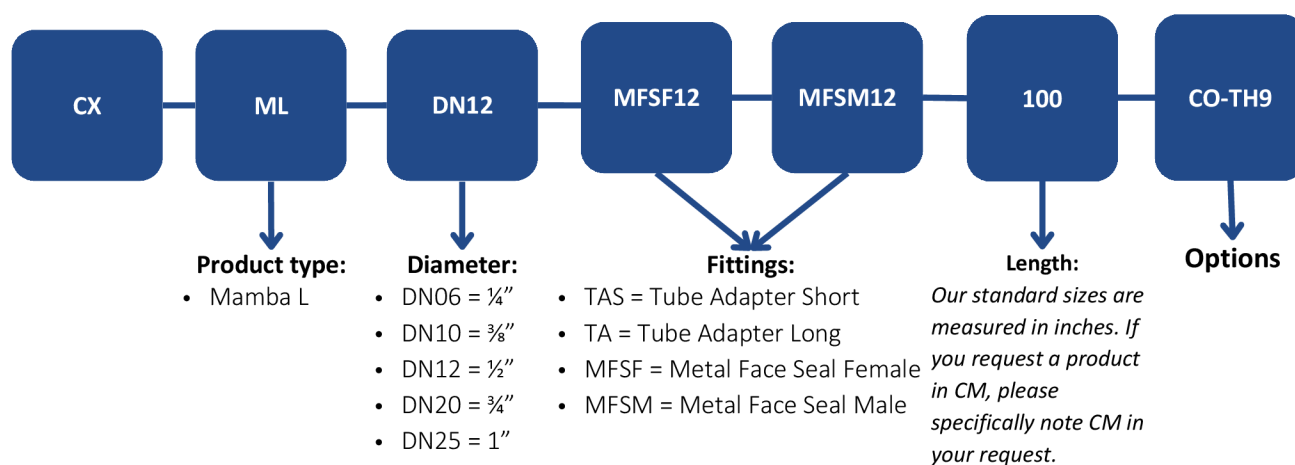
Metal Face Seal Female*

**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 (1×10^{-9} cm3 std/s) (TH9)
- THY = Hydrostatic test (THY)
- TNP = Nitrogen pressure test (TNP)
- Labelling requirements (Specify colour and content separately)