COREDUX®

HYBRID PTFE

- Outer corrugated hose with smooth bore PTFE innerliner for liquid applications in stringent environments
- FIV Complaint; securing laminar flow
- Securing Ultra High purity in a vacuum enviroment where flexibility is required
- Patented technology
- Tube-end connections according to ASTM A269

CoreDux hose range										
Nom. Hose Size [mm (in.)]	Outer Hose material	Inner Liner material	Hose Inside dia. [mm (in.)]	Hose outside dia. [mm (in.)]	Minimum centre line bend radius		Gas* Working pressure at 70ºF (20ºC) [bar (psig)]	Liquid Working pressure at 70ºF (20ºC) [bar (psig)]	Min. Burst Pressure at 70ºF (20ºC) [bar (psig)]	Temp. Range [ºC (ºF)]
					Static [mm (in.)]	Dyn. [mm (in.)]				
DN06 1/4"	Stainless steel 316L	PTFE	4,7 (0.19)	9,8 (0,39)	54 (2,13)	110 (4,33)	8 (116)	42 (609)	168 (2436)	-40 (-40) - 90 (194)
DN10 3/8"	Stainless steel 316L	PTFE	7,9 (0.31)	16,2 (0,64)	86 (3,39)	150 (5,9)	8 (116)	32 (464)	128 (1856)	-40 (-40) - 90 (194)
DN12 1/2"	Stainless steel 316L	PTFE	9,5 (0.37)	18,6 (0,73)	110 (4,33)	165 (6,5)	8 (116)	26 (377)	104 (1508)	-40 (-40) - 90 (194)
DN20 3/4"	Stainless steel 316L	PTFE	17,2 (0.68)	28,3 (1,11)	325 (12,8)	325 (12,8)	4 (58)	19 (276)	76 (1102)	-40 (-40) - 90 (194)

*Column with values for gas is for test purposes only

Compliance

- EN ISO 9001
- EN ISO 10380 / ASME 31.3

Cleanliness

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

Packaging

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

Product tests

- Helium leak test ($1x10^{-5}$ std cm3/s)
- Additional options: he leak test $1x10^{-9}$ std cm3/s

Temperature ºC (ºF)	50 (122)	75 (167)	100 (212)	150 (302)
Reduction Factor	0,85	0,75	0,66	0,51