

ANACONDA DUO®

- Double-plyed, helically corrugated hose
- Extreme flexibility, high pressure resistance
- Operating stability
- Vibration absorption

CoreDux base hose range									
Nominal Hose Size [mm (in.)]	Hose material*	Braiding	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)]			
DN5 1/8"	Stainless	None	5,2 (0.2)	8,7 (0.34)	20 (0.79)	75 (2.95)	7,5 (109)	30 (436)	-273 (-460) - 500 (932)
DN6 1/4"	Stainless	None	6,3 (0.25)	9,8 (0.39)	25 (0.98)	80 (3.15)	7,5 (109)	30 (436)	-273 (-460) - 500 (932)
DN8	Stainless	None	8,2 (0.32)	12,4 (0.49)	32 (1.26)	100 (3.94)	6,5 (94)	26 (376)	-273 (-460) - 500 (932)
DN10 3/8"	Stainless	None	10,2 (0.4)	14,4 (0.57)	38 (1.5)	115 (4.53)	5,5 (80)	22 (320)	-273 (-460) - 500 (932)
DN12 1/2"	Stainless	None	12,2 (0.48)	17,3 (0.68)	45 (1.77)	125 (4.92)	5 (72)	20 (288)	-273 (-460) - 500 (932)
DN15 5/8"	Stainless	None	16,2 (0.64)	21,3 (0.84)	58 (2.28)	145 (5.71)	3,2 (46)	12,8 (184)	-273 (-460) - 500 (932)
DN20 3/4"	Stainless	None	20,2 (0.8)	26,6 (1.05)	70 (2.76)	170 (6.69)	2,5 (36)	10 (144)	-273 (-460) - 500 (932)
DN25 1"	Stainless	None	25,2 (0.99)	31,7 (1.25)	85 (3.35)	170 (6.69)	2 (29)	8 (116)	-273 (-460) - 500 (932)
DN32 1 1/4"	Stainless	None	32,3 (1.28)	41,1 (1.62)	105 (4.13)	300 (11.81)	1,6 (23)	6,4 (92)	-273 (-460) - 500 (932)
DN40 1 1/2"	Stainless	None	40,3 (1.59)	48,7 (1.92)	130 (5.12)	340 (13.39)	1,6 (23)	6,4 (92)	-273 (-460) - 500 (932)

*Values based on 316TI, different materials available

**Temperature derating factor should apply to working pressure. Based on ISO 10380

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CoreDux base hose range									
Nominal Hose Size [mm (in.)]	Hose material*	Braiding	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)]			
DN50 2"	Stainless	None	50,3 (1.98)	61,4 (2.42)	160 (6.3)	390 (15.35)	1,5 (22)	6 (88)	-273 (-460) - 500 (932)
DN65 2 1/2"	Stainless	None	65,3 (2.57)	76,4 (3.01)	200 (7.87)	460 (18.11)	1,5 (22)	6 (88)	-273 (-460) - 500 (932)
DN80 3"	Stainless	None	80,4 (3.17)	93,2 (3.67)	240 (9.45)	520 (20.47)	1,5 (22)	6 (88)	-273 (-460) - 500 (932)
DN100 4"	Stainless	None	100,4 (3.95)	113,5 (4.47)	290 (11.42)	195 (7.68)	1,5 (22)	6 (88)	-273 (-460) - 500 (932)
DN125 5"	Stainless	None	126 (4.96)	141 (5.55)	370 (14.57)	720 (28.35)	1,5 (22)	6 (88)	-273 (-460) - 500 (932)
DN150 6"	Stainless	None	151 (5.94)	166 (6.54)	470 (18.50)	720 (28.35)	1,4 (20)	5,6 (80)	-273 (-460) - 500 (932)
DN200 8"	Stainless	None	201 (7.91)	216 (8.5)	700 (27.56)	1200 (47.24)	1,4 (20)	5,6 (80)	-273 (-460) - 500 (932)
DN250 10"	Stainless	None	252 (9.92)	270 (10.63)	860 (33.86)	1520 (59.84)	1,3 (19)	5,2 (76)	-273 (-460) - 500 (932)
DN300 12"	Stainless	None	302 (11.89)	320 (12.6)	1120 (44.09)	1520 (59.84)	1,3 (19)	5,2 (76)	-273 (-460) - 500 (932)

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ANACONDA DUO® (A)

CoreDux base hose range									
Nominal Hose Size [mm (in.)]	Hose material*	Braiding (A)	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)]			
DN5 1/8"	Stainless	Single	5,2 (0.2)	9,9 (0.39)	20 (0.79)	75 (2.95)	200 (2901)	800 (11604)	-273 (-460) - 500 (932)
DN6 1/4"	Stainless	Single	6,3 (0.25)	11 (0.43)	25 (0.98)	80 (3.15)	175 (2538)	700 (10152)	-273 (-460) - 500 (932)
DN8	Stainless	Single	8,2 (0.32)	13,6 (0.54)	32 (1.26)	100 (3.94)	150 (2176)	600 (8704)	-273 (-460) - 500 (932)
DN10 3/8"	Stainless	Single	10,2 (0.4)	15,6 (0.61)	38 (1.5)	115 (4.53)	130 (1885)	520 (7540)	-273 (-460) - 500 (932)
DN12 1/2"	Stainless	Single	12,2 (0.48)	18,5 (0.73)	45 (1.77)	125 (4.92)	110 (1595)	440 (6380)	-273 (-460) - 500 (932)
DN15 5/8"	Stainless	Single	16,2 (0.64)	22,9 (0.9)	58 (2.28)	145 (5.71)	90 (1305)	360 (5220)	-273 (-460) - 500 (932)
DN20 3/4"	Stainless	Single	20,2 (0.8)	28,3 (1.11)	70 (2.76)	170 (6.69)	80 (1160)	320 (4640)	-273 (-460) - 500 (932)
DN25 1"	Stainless	Single	25,2 (0.99)	33,3 (1.31)	85 (3.35)	170 (6.69)	65 (943)	260 (3772)	-273 (-460) - 500 (932)
DN32 1 1/4"	Stainless	Single	32,3 (1.27)	42,7 (1.68)	105 (4.13)	300 (11.81)	50 (725)	200 (2900)	-273 (-460) - 500 (932)
DN40 1 1/2"	Stainless	Single	40,3 (1.59)	51,1 (2.01)	130 (5.12)	340 (13.39)	45 (653)	180 (2612)	-273 (-460) - 500 (932)

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ANACONDA DUO® (A)

CoreDux base hose range									
Nominal Hose Size [mm (in.)]	Hose material*	Braiding (A)	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)]			
DN50 2"	Stainless	Single	50,3 (1.98)	63,4 (2.5)	160 (6.3)	390 (15.35)	35 (508)	140 (2032)	-273 (-460) - 500 (932)
DN65 2 1/2"	Stainless	Single	65,3 (2.57)	78,4 (3.09)	200 (7.87)	460 (18.11)	30 (435)	120 (1740)	-273 (-460) - 500 (932)
DN80 3"	Stainless	Single	80,4 (3.17)	96,4 (3.8)	240 (9.45)	520 (20.47)	25 (363)	100 (1452)	-273 (-460) - 500 (932)
DN100 4"	Stainless	Single	100,4 (3.95)	115,9 (4.56)	290 (11.42)	170 (6.69)	15 (218)	60 (872)	-273 (-460) - 500 (932)
DN125 5"	Stainless	Single	126 (4.96)	143,9 (5.67)	370 (14.57)	820 (32.28)	10 (145)	40 (580)	-273 (-460) - 500 (932)
DN150 6"	Stainless	Single	151 (5.94)	168,4 (6.63)	470 (18.5)	820 (32.28)	7 (102)	28 (408)	-273 (-460) - 500 (932)
DN200 8"	Stainless	Single	201 (7.91)	220,8 (8.69)	700 (27.56)	1800 (70.87)	6 (87)	24 (348)	-273 (-460) - 500 (932)
DN250 10"	Stainless	Single	252 (9.92)	274 (10.79)	860 (33.86)	2280 (89.76)	6 (87)	24 (348)	-273 (-460) - 500 (932)
DN300 12"	Stainless	Single	302 (11.89)	324 (12.76)	1120 (44.09)	2280 (89.76)	4 (58)	16 (232)	-273 (-460) - 500 (932)

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ANACONDA DUO® (B)

CoreDux base hose range									
Nominal Hose Size [mm (in.)]	Hose material*	Braiding (B)	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)]			
DN5 1/8"	Stainless	Double	5,2 (0.2)	11,1 (0.44)	20 (0.79)	120 (4.72)	270 (3916)	1080 (15664)	-273 (-460) - 500 (932)
DN6 1/4"	Stainless	Double	6,3 (0.25)	12,1 (0.48)	25 (0.98)	140 (5.51)	250 (3626)	1000 (14504)	-273 (-460) - 500 (932)
DN8	Stainless	Double	8,2 (0.32)	14,8 (0.58)	32 (1.26)	165 (6.5)	200 (2901)	800 (11604)	-273 (-460) - 500 (932)
DN10 3/8"	Stainless	Double	10,2 (0.4)	16,8 (0.66)	38 (1.5)	190 (7.48)	175 (2538)	700 (10152)	-273 (-460) - 500 (932)
DN12 1/2"	Stainless	Double	12,2 (0.48)	19,7 (0.78)	45 (1.77)	210 (8.27)	160 (2321)	640 (9284)	-273 (-460) - 500 (932)
DN15 5/8"	Stainless	Double	16,2 (0.64)	24,5 (0.96)	58 (2.28)	250 (9.84)	130 (1885)	520 (7540)	-273 (-460) - 500 (932)
DN20 3/4"	Stainless	Double	20,2 (0.8)	29,9 (1.18)	70 (2.76)	285 (11.22)	110 (1595)	440 (6380)	-273 (-460) - 500 (932)
DN25 1"	Stainless	Double	25,2 (0.99)	34,9 (1.37)	85 (3.35)	325 (12.8)	95 (1378)	380 (5512)	-273 (-460) - 500 (932)
DN32 1 1/4"	Stainless	Double	32,3 (1.27)	44,3 (1.74)	105 (4.13)	380 (14.96)	80 (1160)	320 (4640)	-273 (-460) - 500 (932)
DN40 1 1/2"	Stainless	Double	40,3 (1.59)	52,3 (2.06)	130 (5.12)	430 (16.93)	65 (943)	260 (3772)	-273 (-460) - 500 (932)

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ANACONDA DUO® (B)

CoreDux base hose range									
Nominal Hose Size [mm (in.)]	Hose material*	Braiding (B)	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)]			
DN50 2"	Stainless	Double	50,3 (1.98)	64,4 (2.54)	160 (6.3)	490 (19.29)	55 (798)	220 (3192)	-273 (-460) - 500 (932)
DN65 2 1/2"	Stainless	Single	65,3 (2.57)	81,2 (3.20)	200 (7.87)	580 (22.83)	40 (580)	160 (2320)	-273 (-460) - 500 (932)
DN80 3"	Stainless	Single	80,4 (3.17)	98,8 (3.89)	240 (9.45)	660 (25.98)	35 (508)	140 (2032)	-273 (-460) - 500 (932)
DN100 4"	Stainless	Single	100,4 (3.95)	120,7 (4.75)	290 (11.42)	325 (12.8)	30 (435)	120 (1740)	-273 (-460) - 500 (932)
DN125 5"	Stainless	Single	126 (4.96)	148,7 (5.85)	440 (17.32)	960 (37.8)	22 (319)	88 (1276)	-273 (-460) - 500 (932)
DN150 6"	Stainless	Double	151 (5.94)	172 (6.77)	550 (21.65)	960 (37.8)	18 (261)	72 (1044)	-273 (-460) - 500 (932)
DN200 8"	Stainless	Single	201 (7.91)	222 (8.74)	770 (30.31)	2000 (78.74)	15 (218)	60 (872)	-273 (-460) - 500 (932)
DN250 10"	Stainless	Single	252 (9.92)	278 (10.94)	1000 (39.37)	2500 (98.43)	14 (203)	56 (812)	-273 (-460) - 500 (932)
DN300 12"	Stainless	Single	302 (11.89)	326 (12.83)	1320 (51.97)	3250 (127.95)	12 (174)	48 (696)	-273 (-460) - 500 (932)

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ANACONDA DUO® (C)

CoreDux base hose range									
Nominal Hose Size [mm (in.)]	Hose material*	Braiding (C)	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)]			
DN25 1"	Stainless	Triple	25,2 (0.99)	36,5 (1.44)	130 (5.12)	325 (12.8)	135 (1958)	540 (7832)	-273 (-460) - 500 (932)
DN32 1 1/4"	Stainless	Triple	32,3 (1.27)	45,9 (1.8)	160 (6.3)	380 (14.96)	110 (1595)	440 (6380)	-273 (-460) - 500 (932)
DN40 1 1/2"	Stainless	Double	40,3 (1.59)	55,1 (2.17)	180 (7.09)	430 (16.93)	95 (1378)	380 (5512)	-273 (-460) - 500 (932)
DN50 2"	Stainless	Double	50,3 (1.98)	67,4 (2.65)	260 (10.24)	490 (19.29)	80 (1160)	320 (4640)	-273 (-460) - 500 (932)
DN65 2 1/2"	Stainless	Double	65,3 (2.57)	83,6 (3.29)	300 (11.81)	580 (22.84)	60 (870)	240 (3480)	-273 (-460) - 500 (932)
DN80 3"	Stainless	Double	80,4 (3.17)	101,2 (3.98)	470 (18.5)	660 (25.98)	50 (725)	200 (2900)	-273 (-460) - 500 (932)
DN100 4"	Stainless	Double	100,4 (3.95)	120,7 (4.75)	570 (22.44)	750 (29.53)	40 (580)	160 (2320)	-273 (-460) - 500 (932)
DN125 5"	Stainless	Triple	126 (4.96)	148,7 (5.85)	720 (28.35)	1050 (41.34)	35 (508)	140 (2032)	-273 (-460) - 500 (932)
DN150 6"	Stainless	Double	151 (5.94)	173,2 (6.82)	840 (33.07)	1560 (61.42)	25 (363)	100 (1452)	-273 (-460) - 500 (932)

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Options on request

- Hose material
- Braid material
- Connections

Compliance

- EN ISO 9001
- EN ISO 10380 / ASME 31.3 / EN 14585

Packaging

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

Cleanliness

- Standard deliveries: White room
- High purity: possible upon request

Product tests

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