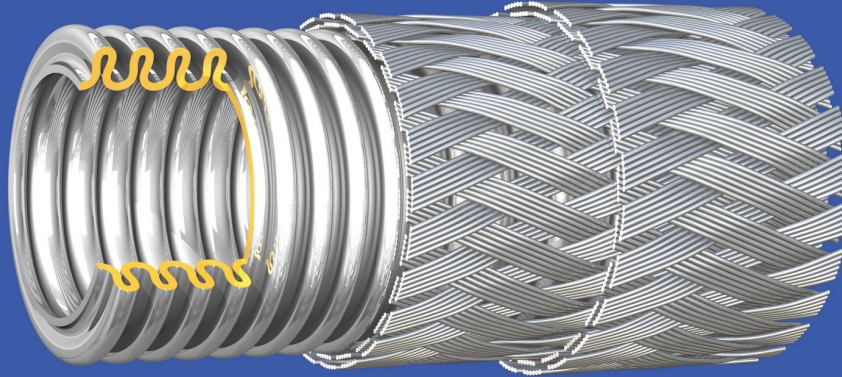


Annular Hose Construction

Two Braid Shown



402X

Construction:

T316L stainless steel heavy weight hose

T321 direct double braid

Annular construction

For ultra high pressure and hydraulic applications

Sizes:

1/4" through 2"

Maximum Working Pressure:

Full vacuum up to 5300 psig depending on size

Temperature:

Cryogenic to 1500°F

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D.	WEIGHT PER FT.	MIN.LIVE LENGTH FOR VIBRATION	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE	MAXIMUM TEST PRESSURE	NORMAL BURST PRESSURE
					STATIC BEND	DYNAMIC FLEXING			
1/4"	402X	0.63	0.39	4.25	2.00	8.250	5300	7950	21200
3/8"	402X	0.81	0.53	5.00	2.50	9.000	3900	5850	15600
1/2"	402X	1.05	0.75	6.00	3.00	10.500	3600	5400	14400
3/4"	402X	1.43	1.63	7.00	4.00	12.750	3550	5325	14200
1"	402X	1.75	2.07	8.25	5.25	15.000	2800	4200	11200
1 1/4"	402X	2.08	2.93	9.00	6.50	17.250	2480	3720	9920
1 1/2"	402X	2.41	3.62	10.00	8.00	19.500	2200	3300	8800
2"	402X	3.05	4.63	12.00	11.50	24.000	1675	2512	6700

403X – T321 Ultra Heavy Hose with Special Tri Stainless Steel Braids

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D.	WEIGHT PER FT.	MIN.LIVE LENGTH FOR VIBRATION	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE	MAXIMUM TEST PRESSURE	NORMAL BURST PRESSURE
					STATIC BEND	DYNAMIC FLEXING			
3"	403X	3.94	5.47	15.00	25.00	86.00	1200	1800	4800

403XI – Inconel® 625 Ultra Heavy Hose with Special Tri Stainless Steel Braids

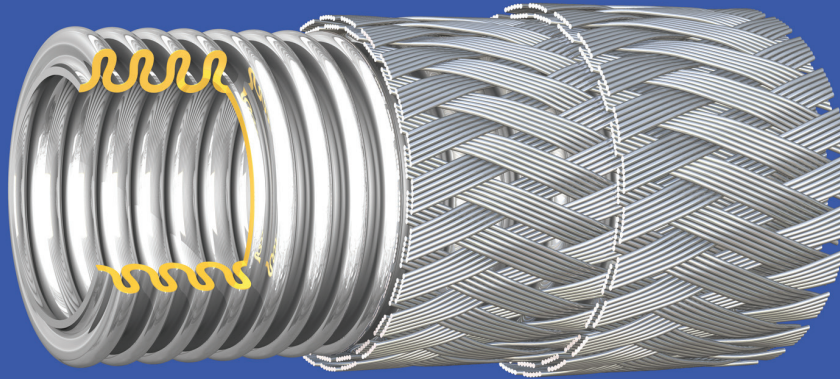
NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D.	WEIGHT PER FT.	MIN.LIVE LENGTH FOR VIBRATION	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE	MAXIMUM TEST PRESSURE	NORMAL BURST PRESSURE
					STATIC BEND	DYNAMIC FLEXING			
3"	403XI	3.99	6.88	15.75	25.00	86.00	1800	2700	7200

404X – T321 Ultra Heavy Hose with Special Quad Stainless Steel Braids

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D.	WEIGHT PER FT.	MIN.LIVE LENGTH FOR VIBRATION	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE	MAXIMUM TEST PRESSURE	NORMAL BURST PRESSURE
					STATIC BEND	DYNAMIC FLEXING			
4"	404X	5.20	9.19	17.00	33.00	114.000	1200	1800	4800

Annular Hose Construction

Two Braid Shown



402X

Construction:

T316L stainless steel heavy weight hose

T321 direct double braid

Annular construction

For ultra high pressure and hydraulic applications

Sizes:

1/4" through 2"

Maximum Working Pressure:

Full vacuum up to 365 bar depending on size

Temperature:

Cryogenic to 816°C

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D. mm	WEIGHT kg/m	MIN.LIVE LENGTH FOR VIBRATION mm	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE bar	MAXIMUM TEST PRESSURE bar	NORMAL BURST PRESSURE bar
					STATIC BEND mm	DYNAMIC FLEXING mm			
1/4"	402X	16.0	0.58	108	51	210	365.4	548.1	1461.7
3/8"	402X	20.6	0.79	127	64	229	268.9	403.3	1075.6
1/2"	402X	26.7	1.12	152	76	267	248.2	372.3	992.8
3/4"	402X	36.3	2.43	178	102	324	244.8	367.1	979.1
1"	402X	44.5	3.08	210	133	381	193.1	289.6	772.2
1 1/4"	402X	52.8	4.36	229	165	438	171.0	256.5	684.0
1 1/2"	402X	61.2	5.39	254	203	495	151.7	227.5	606.7
2"	402X	77.5	6.89	305	292	610	115.5	173.2	461.9

403X – T321 Ultra Heavy Hose with Special Tri Stainless Steel Braids

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D. mm	WEIGHT kg/m	MIN.LIVE LENGTH FOR VIBRATION mm	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE bar	MAXIMUM TEST PRESSURE bar	NORMAL BURST PRESSURE bar
					STATIC BEND mm	DYNAMIC FLEXING mm			
3"	403X	100.1	8.14	381	635	2184	82.7	124.1	330.9

403XI – Inconel® 625 Ultra Heavy Hose with Special Tri Stainless Steel Braids

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D. mm	WEIGHT kg/m	MIN.LIVE LENGTH FOR VIBRATION mm	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE bar	MAXIMUM TEST PRESSURE bar	NORMAL BURST PRESSURE bar
					STATIC BEND mm	DYNAMIC FLEXING mm			
3"	403XI	100.1	10.26	400	635	2184	124	186	496

404X – T321 Ultra Heavy Hose with Special Quad Stainless Steel Braids

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D. mm	WEIGHT kg/m	MIN.LIVE LENGTH FOR VIBRATION mm	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE bar	MAXIMUM TEST PRESSURE bar	NORMAL BURST PRESSURE bar
					STATIC BEND mm	DYNAMIC FLEXING mm			
4"	404X	132.1	13.68	432	838	2896	82.7	124.1	330.9