


Description:
Stainless steel flexible hose. Helical corrugations. Narrow pitch.

Characteristics:	High reliability and flexibility, resistant to corrosion and pressure, absence of permeability, resistance to torsion, excellent absorption of vibrations, can be used for static or dynamic connections
Size range:	From DN1/8" to DN6" Some diameters available in stock; others produced upon request for suitable quantities
Supply conditions:	Standard manufacturing lengths
Fittings:	In any material or type by silver brazing, TIG welding Braid ferrules available for optimal attachment of end connectors
Materials:	Stainless steel 1.4541 EN10028-7 (AISI 321) On request: stainless steel 1.4404 EN10028-7 (AISI 316L) or other grades of stainless steel
Profile:	 High corrugation, narrow pitch, standard wall
Construction:	Strip profiling, winding, overlapping and welding on top of corrugations
Types:	SX.T.9100 without braid SX.T.9150 with one braid in stainless steel 1.4301 EN10088-3 (AISI 304) SX.T.9155 with two braids in stainless steel 1.4301 EN10088-3 (AISI 304) Braids in other grades of stainless steel are available on request for quantities to be agreed
Use:	Delivery under pressure or vacuum of all liquid or gaseous fluids compatible with stainless steel under very severe environmental conditions, combined with aggressive chemicals, high temperature, high pressure, frequent movements, static or dynamic offsets, slight torsions, vibrations
Applications:	Industrial refrigeration systems, on-board ships, railway/tram vehicles
Working pressure:	Up to 175 bar (SX.T.9155 DN1/4"), depending on hose size and on number of braids. See technical table
Temperature:	-200° ÷ 550°C For a temperature range 50° ÷ 550°C working pressure must be reduced by applying the relevant coefficients (See document " B205 Derating factors" available in the attachments in the Technical Data section of this product). For a temperature range higher than 550°C, please contact our Technical Department

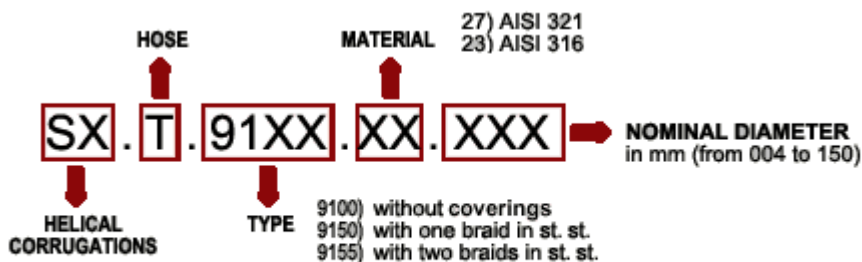
SX.T.9100, SX.T.9150, SX.T.9155.XX.XXX											
DN Inches	ID mm	Tol. mm	N. braids	OD mm	Tol. mm	NP bar	BR static mm	BR dynamic mm	Wt. g/m ±10%	Part Number*	Product Code*
1/8"	4	+0.3 0	0	7.4	±0.3	10	12	65	50	T8837	SX.T.9100.27.004
			1	8.4	±0.3	150	18	95	110	T9756	SX.T.9150.27.004
1/4"	6	+0.3 0	0	10.0	±0.3	5	14	70	71	T2732	SX.T.9100.27.006
			1	11.5	±0.3	125	20	105	160	T2762	SX.T.9150.27.006
			2	13.0	±0.3	175	25	115	260	T2777	SX.T.9155.27.006
5/16"	8	+0.3 0	0	12.0	±0.5	3	20	75	88	T2733	SX.T.9100.27.008
			1	13.5	±0.5	100	30	115	185	T2763	SX.T.9150.27.008
			2	15.0	±0.5	140	35	125	290	T2778	SX.T.9155.27.008
3/8"	10	+0.3 0	0	14.0	±0.5	2.5	20	85	112	T2734	SX.T.9100.27.010
			1	15.5	±0.5	80	30	130	225	T2764	SX.T.9150.27.010
			2	17.0	±0.5	120	35	145	350	T2779	SX.T.9155.27.010
1/2"	12	+0.4 0	0	17.0	±0.6	2	26	100	145	T2735	SX.T.9100.27.012
			1	18.5	±0.6	64	40	150	290	T2765	SX.T.9150.27.012
			2	20.0	±0.6	100	45	165	445	T2780	SX.T.9155.27.012
5/8"	16	+0.4 0	0	21.5	±0.6	1.5	38	125	185	T2736	SX.T.9100.27.016
			1	23.0	±0.6	64	60	190	350	T2766	SX.T.9150.27.016
			2	24.5	±0.6	100	65	210	525	T2781	SX.T.9155.27.016
3/4"	20	+0.6 0	0	26.0	±0.7	1	45	160	250	T2737	SX.T.9100.27.020
			1	27.5	±0.7	50	70	240	495	T2767	SX.T.9150.27.020
			2	30.0	±0.7	80	80	265	750	T2782	SX.T.9155.27.020

SX.T.9100, SX.T.9150, SX.T.9155.XX.XXX											
DN Inches	ID mm	Tol. mm	N. braids	OD mm	Tol. mm	NP bar	BR static mm	BR dynamic mm	Wt. g/m ±10%	Part Number*	Product Code*
1"	25	+0.6 0	0	31.0	±0.7	0.8	58	200	305	T2738	SX.T.9100.27.025
			1	32.5	±0.7	40	90	300	575	T2768	SX.T.9150.27.025
			2	34.0	±0.7	64	100	330	860	T2783	SX.T.9155.27.025
1"1/4	32	+0.7 0	0	40.0	±0.8	0.6	75	250	490	T2739	SX.T.9100.27.032
			1	42.0	±0.8	32	115	380	990	T2769	SX.T.9150.27.032
			2	44.0	±0.8	50	130	420	1510	T2784	SX.T.9155.27.032
1"1/2	40	+0.7 0	0	48.0	±0.8	0.5	95	300	570	T2740	SX.T.9100.27.040
			1	50.0	±0.8	25	145	450	1060	T2770	SX.T.9150.27.040
			2	52.0	±0.8	40	160	495	1600	T2785	SX.T.9155.27.040
2"	50	+1.0 0	0	60.0	±1.0	0.4	112	350	710	T2741	SX.T.9100.27.050
			1	62.0	±1.0	20	170	530	1340	T2771	SX.T.9150.27.050
			2	64.0	±1.0	32	190	585	2110	T2786	SX.T.9155.27.050
2"1/2	65	+1.0 0	0	75.0	±1.0	0.3	135	410	950	T2742	SX.T.9100.27.065
			1	77.5	±1.0	12.5	205	620	1925	T2772	SX.T.9150.27.065
			2	80.0	±1.0	20	230	685	2940	T2787	SX.T.9155.27.065
3"	80	+1.5 0	0	94.0	±1.5	0.2	185	520	1570	T2743	SX.T.9100.27.080
			1	96.5	±1.5	12	280	800	2990	T2773	SX.T.9150.27.080
			2	99.0	±1.5	15	310	880	4445	T2788	SX.T.9155.27.080
4"	100	+1.5 0	0	114.0	±1.5	0.2	220	680	1930	T2744	SX.T.9100.27.100
			1	116.5	±1.5	8	330	1050	3270	T2774	SX.T.9150.27.100
			2	119.0	±1.5	10	365	1155	4640	T2789	SX.T.9155.27.100
5"	125	+1.5 0	0	141.0	±1.5	0.15	260	950	3050	T2745	SX.T.9100.27.125
			1	144.0	±1.5	8	390	1450	5250	T2775	SX.T.9150.27.125
			2	147.0	±1.5	10	430	1600	7500	T2790	SX.T.9155.27.125
6"	150	+1.5 0	0	166.0	±1.5	0.15	330	1200	3320	T2746	SX.T.9100.27.150
			1	169.0	±1.5	5	495	1850	5700	T2776	SX.T.9150.27.150
			2	172.0	±1.5	8	550	2040	8100	T2791	SX.T.9155.27.150

* PART NUMBER or CODE of the required item to be mentioned in Purchase Orders

This table, with the exclusion of Part Number and Product Code, is also valid for material 23 (see decoding list below)

QUICK REFERENCE FOR PRODUCT CODE



The constant effort towards technical and qualitative improvement of our products might involve modifications of the dimensional and operational characteristics given in this data sheet, at any time and without warning. For applications requiring exact characteristics and/or a critical dimensional or operational conformity, please consult our Technical Department