
	<b>Description:</b> Stainless steel flexible hose. Helical corrugations. Very narrow pitch.
<b>Characteristics:</b>	High reliability, extreme flexibility, resistant to corrosion and pressure, absence of permeability, resistance to torsion, excellent absorption of vibrations, can be used for particularly severe static or dynamic connections
<b>Size range:</b>	From DN1/8" to DN4" Some diameters available in stock; others produced upon request for suitable quantities
<b>Supply conditions:</b>	Standard manufacturing lengths
<b>Fittings:</b>	In any material or type by silver brazing ,TIG welding Braid ferrules available for optimal attachment of end connectors
<b>Materials:</b>	Stainless steel 1.4541 EN10028-7 (AISI 321) On request: stainless steel 1.4404 EN10028-7 (AISI 316L) or other grades of stainless steel
<b>Profile:</b>	 High corrugation, very narrow pitch, omega-shaped profile, standard wall
<b>Construction:</b>	Strip profiling, winding, overlapping and welding on top of corrugations
<b>Types:</b>	SX.T.9000 without braid SX.T.9050 with one braid in St. St. 1.4301 EN10088-3 (AISI 304) SX.T.9055 with two braids in St. St. 1.4301 EN10088-3 (AISI 304) Braids in other grades of stainless steel are available on request for quantities to be agreed
<b>Use:</b>	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, dynamic offsets, slight torsions, strong vibrations
<b>Applications:</b>	Industrial refrigeration systems, on-board of ships, railway/tram vehicles, Systems on-board of aircraft
<b>Working pressure:</b>	Up to 250 bar (SX.T.9055 DN1/8"), depending on hose size and on number of braids. See technical table
<b>Temperature:</b>	-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.9000, SX.T.9050, SX.T.9055.XX.XXX**

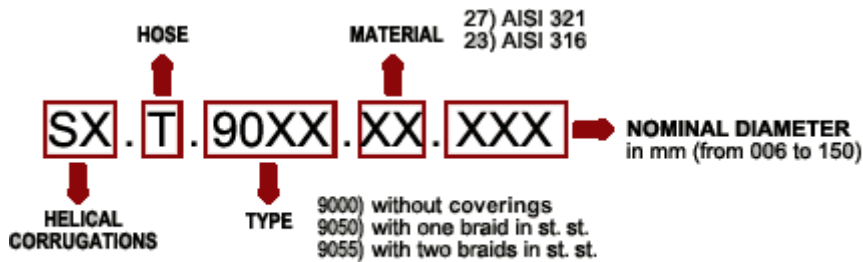
DN Inches	ID mm	Tol. mm	N. braids	OD mm	Tol. mm	NP bar	BR static mm	BR dynamic mm	Wt. g/m ±10%	Part Number*	Product Code*
1/8"	4	±0.3	0	7.4	±0.3	7	9	50	70	T7663	SX.T.9000.27.004
			1	8.4	±0.3	180	14	75	130	-	SX.T.9050.27.004
			2	9.4	±0.3	250	17	85	196	-	SX.T.9055.27.004
1/4"	6	±0.3	0	10.0	±0.3	5	10	55	95	T2009	SX.T.9000.27.006
			1	11.5	±0.3	125	15	85	182	T2024	SX.T.9050.27.006
			2	13.0	±0.3	175	20	95	282	T2039	SX.T.9055.27.006
5/16"	8	±0.3	0	12.0	±0.5	3	15	60	116	T2010	SX.T.9000.27.008
			1	13.5	±0.5	100	25	90	212	T2025	SX.T.9050.27.008
			2	15.0	±0.5	140	30	105	318	T2040	SX.T.9055.27.008
3/8"	10	±0.3	0	14.0	±0.5	2.5	15	70	148	T2011	SX.T.9000.27.010
			1	15.5	±0.5	80	25	105	260	T2026	SX.T.9050.27.010
			2	17.0	±0.5	120	30	125	385	T2041	SX.T.9055.27.010
1/2"	12	±0.4	0	17.0	±0.6	2	20	80	190	T2012	SX.T.9000.27.012
			1	18.5	±0.6	64	30	120	332	T2027	SX.T.9050.27.012
			2	20.0	±0.6	100	40	140	490	T2042	SX.T.9055.27.012
5/8"	16	±0.4	0	21.5	±0.6	1.5	30	100	240	T2013	SX.T.9000.27.016
			1	23.0	±0.6	64	45	150	405	T2028	SX.T.9050.27.016
			2	24.5	±0.6	100	60	175	582	T2043	SX.T.9055.27.016
3/4"	20	±0.5	0	26.0	±0.7	1	35	130	320	T2014	SX.T.9000.27.020
			1	27.5	±0.7	50	50	195	565	T2029	SX.T.9050.27.020
			2	30.0	±0.7	80	70	230	820	T2044	SX.T.9055.27.020
1"	25	±0.5	0	31.0	±0.7	0.8	45	160	390	T2015	SX.T.9000.27.025
			1	32.5	±0.7	40	65	240	660	T2030	SX.T.9050.27.025
			2	34.0	±0.7	64	90	280	945	T2045	SX.T.9055.27.025
1"1/4	32	±0.7	0	40.0	±0.8	0.6	60	200	640	T2016	SX.T.9000.27.032
			1	42.0	±0.8	32	90	300	1140	T2031	SX.T.9050.27.032
			2	44.0	±0.8	50	120	350	1660	T2046	SX.T.9055.27.032
1"1/2	40	±0.7	0	48.0	±0.8	0.5	75	240	740	T2017	SX.T.9000.27.040
			1	50.0	±0.8	25	110	360	1225	T2032	SX.T.9050.27.040
			2	52.0	±0.8	40	150	420	1730	T2047	SX.T.9055.27.040
2"	50	±1	0	60.0	±1.0	0.4	90	280	940	T2018	SX.T.9000.27.050
			1	62.0	±1.0	20	135	420	1630	T2033	SX.T.9050.27.050
			2	64.0	±1.0	32	180	490	2340	T2048	SX.T.9055.27.050
2"1/2	65	±1	0	75.0	±1.0	0.3	110	330	1260	T2019	SX.T.9000.27.065
			1	77.5	±1.0	12.5	160	495	2240	T2034	SX.T.9050.27.065
			2	80.0	±1.0	20	220	580	3250	T2049	SX.T.9055.27.065

SX.T.9000, SX.T.9050, SX.T.9055.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*
3"	80	±1.5	0	94.0	±1.5	0.2	150	410	2050	T2020	SX.T.9000.27.080
			1	96.5	±1.5	12	225	615	3470	T2035	SX.T.9050.27.080
			2	99.0	±1.5	15	300	735	4930	T2050	SX.T.9055.27.080
4"	100	±1.5	0	114.0	±1.5	0.2	180	550	2520	T2021	SX.T.9000.27.100
			1	116.5	±1.5	8	250	825	3860	T2036	SX.T.9050.27.100
			2	119.0	±1.5	10	360	960	5240	T2051	SX.T.9055.27.100

\* 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