
	<p><b>Description:</b> Stainless steel flexible hose. Helical corrugations. Double wall. Very narrow pitch.</p>
<p><b>Characteristics:</b></p>	<p>Excellent reliability , flexibility and ruggedness, 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</p>
<p><b>Size range:</b></p>	<p>From DN1/4" to DN4" Some diameters available in stock; others produced upon request for suitable quantities</p>
<p><b>Supply conditions:</b></p>	<p>Standard manufacturing lengths</p>
<p><b>Fittings:</b></p>	<p>In any material or type by silver brazing , TIG welding Braid ferrules available for optimal attachment of end connectors</p>
<p><b>Materials:</b></p>	<p>Stainless steel 1.4541 EN10028-7 (AISI 321) Stainless steel 1.4404 EN10028-7 (AISI 316L) On request, other grades of stainless steel</p>
<p><b>Profile:</b></p>	 <p>High corrugation, very narrow pitch, omega-shaped profile, double wall</p>
<p><b>Construction:</b></p>	<p>Strip profiling, winding, double overlapping and welding on top of corrugations</p>
<p><b>Types:</b></p>	<p>SX.T.9400 without braid SX.T.9450 with one braid in stainless steel 1.4301 EN10088-3 (AISI 304) SX.T.9455 with two braids in stainless steel 1.4301 EN10088-3 (AISI 304 ) Braids in other grades of stainless steel available on request for quantities to be agreed</p>
<p><b>Use:</b></p>	<p>Delivery under pressure or vacuum of all liquid or gaseous fluids compatible with stainless steel under severe environmental conditions, combined with aggressive chemicals, high temperature, high pressure, very frequent movements, static or dynamic offsets, slight torsions, strong vibrations</p>
<p><b>Applications:</b></p>	<p>Technical gasses, high-pressure cylinder connections, LPG and methane flexible connections for automobiles, cable protection for aeronautic applications, high-pressure sprinkler systems</p>
<p><b>Working pressure:</b></p>	<p>Up to 200 bar (SX.T.9455 DN1/4"), depending on hose size and on number of braids. See technical table</p>
<p><b>Temperature:</b></p>	<p>-200° ÷ 550°C For a temperature range 50° ÷ 550°C working pressure must be reduced by</p>

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

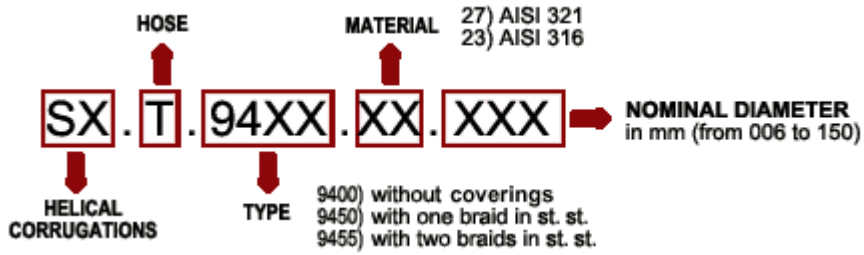
SX.T.9400, SX.T.9450, SX.T.9455.XX.XXX											
DN Inches	ID mm	Tol. mm	N. braids	OD mm	Tol. mm	NP bar	BR Static mm	BR Dynamic mm	Wt. g/m ±10%	Part Number*	Product Code*
1/4"	6	+0.4 0	0	10.7	+0.4 0	8	15	105	140	T2987	SX.T.9400.27.006
			1	12.2		130	22	158	235	T3002	SX.T.9450.27.006
			2	13.5		200	26	200	330	T3017	SX.T.9455.27.006
5/16"	8	+0.4 0	0	12.7	+0.4 0	7	16	110	190	T2988	SX.T.9400.27.008
			1	14.2		120	24	165	285	T3003	SX.T.9450.27.008
			2	15.5		190	28	204	390	T3018	SX.T.9455.27.008
3/8"	10	+0.4 0	0	14.7	+0.4 0	6	16	114	200	T2989	SX.T.9400.27.010
			1	16.2		96	28	172	320	T3004	SX.T.9450.27.010
			2	18.5		150	32	208	440	T3019	SX.T.9455.27.010
1/2"	12	+0.4 0	0	17.7	+0.4 0	5	20	118	320	T2990	SX.T.9400.27.012
			1	19.2		96	32	175	460	T3005	SX.T.9450.27.012
			2	20.7		150	35	218	620	T3020	SX.T.9455.27.012
5/8"	16	+0.5 0	0	21.7	+0.5 0	3	28	125	390	T2991	SX.T.9400.27.016
			1	23.2		76	44	188	560	T3006	SX.T.9450.27.016
			2	24.7		120	50	264	735	T3021	SX.T.9455.27.016
3/4"	20	+0.6 +0.1	0	27.7	+0.6 +0.1	2.5	38	148	460	T2992	SX.T.9400.27.020
			1	28.7		64	58	222	700	T3007	SX.T.9450.27.020
			2	30.2		95	65	305	960	T3022	SX.T.9455.27.020
1"	25	+0.6 +0.1	0	32.2	+0.6 +0.1	2.5	50	174	600	T2993	SX.T.9400.27.025
			1	33.7		50	75	260	870	T3008	SX.T.9450.27.025
			2	35.2		80	82	376	1160	T3023	SX.T.9455.27.025

SX.T.9400, SX.T.9450, SX.T.9455.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"1/4	32	+0.7 +0.2	0	41.5	+0.7 +0.2	1.5	56	216	1230	T2994	SX.T.9400.27.032
			1	43.5		40	84	324	1725	T3009	SX.T.9450.27.032
			2	45.5		64	96	448	2255	T3024	SX.T.9455.27.032
1"1/2	40	+0.7 +0.2	0	49.5	+0.7 +0.2	1.5	68	256	1370	T2995	SX.T.9400.27.040
			1	51.5		38	104	384	1860	T3010	SX.T.9450.27.040
			2	53.5		60	116	522	2360	T3025	SX.T.9455.27.040
2"	50	+1 +0.3	0	61.6	+1 +0.3	1	85	296	2050	T2996	SX.T.9400.27.050
			1	63.6		30	132	445	2740	T3011	SX.T.9450.27.050
			2	65.8		48	148	615	3450	T3026	SX.T.9455.27.050
2"1/2	65	+1 +0.3	0	76.6	+1 +0.3	1	118	350	2650	T2997	SX.T.9400.27.065
			1	79.1		25	195	526	3650	T3012	SX.T.9450.27.065
			2	81.6		40	210	958	4670	T3027	SX.T.9455.27.065
3"	80	+1 +0.3	0	94.7	+1 +0.3	1	150	540	3600	T2998	SX.T.9400.27.080
			1	97.2		20	240	812	5050	T3013	SX.T.9450.27.080
			2	99.7		30	265	1085	6550	T3028	SX.T.9455.27.080
4"	100	+1.2 +0.5	0	115.0	+1.2 +0.5	1	184	625	4450	T2999	SX.T.9400.27.100
			1	117.5		15	290	938	5800	T3014	SX.T.9450.27.100
			2	120.0		25	335	1335	7250	T3029	SX.T.9455.27.100

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

This table, with the exclusion of the 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