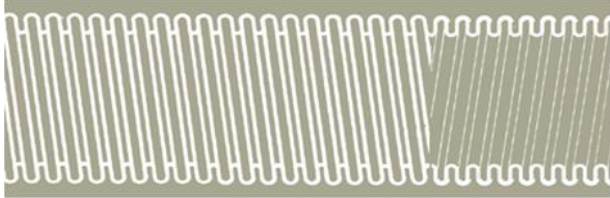

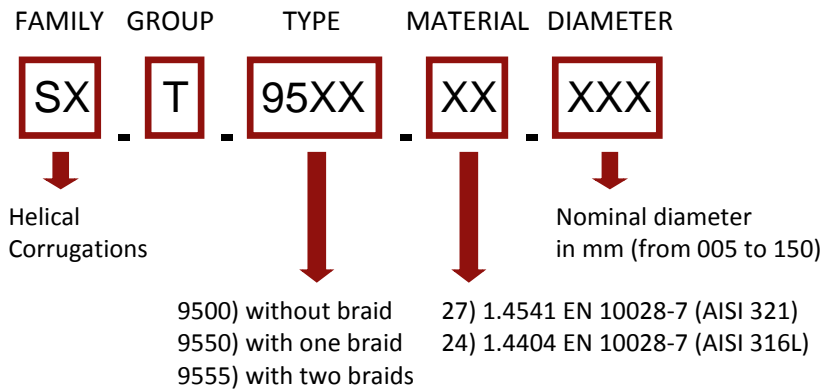


SX.T.9500●9550●9555.XX.XXX

	<p>Description: Stainless steel flexible hose. Helical corrugations. Double wall. Narrow pitch.</p>
<p>Characteristics:</p>	<p>Excellent reliability and ruggedness, good flexibility, resistant to corrosion and pressure, absence of permeability, resistance to torsion, absorption of vibrations, can be used for severe static or dynamic connections.</p>
<p>Size range:</p>	<p>From DN5 to DN150. Some diameters available in stock; others produced upon request for suitable quantities.</p>
<p>Supply conditions:</p>	<p>Standard manufacturing lengths.</p>
<p>Fittings:</p>	<p>In any material or type by silver brazing , TIG welding. Braid ferrules available for optimal attachment of end connectors.</p>
<p>Materials:</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>Profile:</p>	 <p>High corrugation, narrow pitch, double wall.</p>
<p>Construction:</p>	<p>Strip profiling, winding, double overlapping and welding on top of corrugations.</p>
<p>Types:</p>	<p>SX.T.9500 without braid. SX.T.9550 with one braid in stainless steel 1.4301 EN 10088-3 (AISI 304). SX.T.9555 with two braids in stainless steel 1.4301 EN 10088-3 (AISI 304). Braids in other grades of stainless steel available on request for quantities to be agreed.</p>
<p>Use:</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, frequent movements, static or dynamic offsets, slight torsions, vibrations.</p>
<p>Applications:</p>	<p>Technical gasses, high-pressure cylinder connections, LPG and methane flexible connections for automobiles.</p>
<p>Working pressure:</p>	<p>Up to 200 bar (SX.T.9555 DN1/4"), depending on hose size and on number of braids. See technical table.</p>
<p>Temperature:</p>	<p>-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 Parflex.)</p>

HOW TO READ PRODUCT CODE



Order by PART NUMBER !

SX.T.95XX.27.XXX											1.4541 (AISI 321)
DN inches	ID mm	Tol. mm	N. braids	OD mm	Tol. mm	PN bar	BR static mm	BR dynamic mm	Wt. g/m ±10%	Part Number	Product Code
-	5	+0.3 0	0	8.3	±0.3	10	15	110	75	T16131	SX.T.9500.27.005
-	5.3	+0.3 0	0	8.6	±0.3	10	15	110	80	T29337	SX.T.9500.27.005.3
			1	9.9	±0.3	110	25	140	135	T16130	SX.T.9550.27.005.3
			2	10.9	±0.3	180	28	160	190	T16132	SX.T.9555.27.005.3
1/4"	6	+0.3 0	0	10.7	±0.3	8	18	130	120	T1882	SX.T.9500.27.006
			1	12.2	±0.3	130	27	175	210	T1925	SX.T.9550.27.006
			2	13.5	±0.3	200	30	195	310	T1955	SX.T.9555.27.006
5/16"	8	+0.3 0	0	12.7	±0.5	7	20	140	150	T1883	SX.T.9500.27.008
			1	14.2	±0.5	120	30	210	250	T1926	SX.T.9550.27.008
			2	16.5	±0.5	190	35	230	350	T1956	SX.T.9555.27.008
3/8"	10	+0.3 0	0	14.7	±0.5	6	20	145	180	T1884	SX.T.9500.27.010
			1	16.2	±0.5	96	35	220	300	T1927	SX.T.9550.27.010
			2	18.5	±0.5	150	40	260	420	T1957	SX.T.9555.27.010
1/2"	12	+0.4 0	0	17.7	±0.6	5	25	150	240	T1885	SX.T.9500.27.012
			1	19.2	±0.6	96	40	225	380	T1928	SX.T.9550.27.012
			2	20.7	±0.6	150	45	265	540	T1958	SX.T.9555.27.012
5/8"	16	+0.4 0	0	21.7	±0.6	3	35	160	310	T1886	SX.T.9500.27.016
			1	23.2	±0.6	76	55	240	470	T1929	SX.T.9550.27.016
			2	24.7	±0.6	120	65	280	650	T1959	SX.T.9555.27.016
3/4"	20	+0.6 0	0	27.2	±0.7	2.5	45	180	410	T1887	SX.T.9500.27.020
			1	28.7	±0.7	64	70	270	650	T1930	SX.T.9550.27.020
			2	30.2	±0.7	95	80	320	900	T1960	SX.T.9555.27.020
1"	25	+0.6 0	0	32.2	±0.7	2.5	60	210	500	T1888	SX.T.9500.27.025
			1	33.7	±0.7	50	90	315	770	T1931	SX.T.9550.27.025
			2	35.2	±0.7	80	100	370	1050	T1961	SX.T.9555.27.025
1"1/4	32	+0.7 0	0	41.5	±0.8	1.5	70	270	900	T1889	SX.T.9500.27.032
			1	43.5	±0.8	40	105	405	1400	T1932	SX.T.9550.27.032
			2	45.5	±0.8	64	120	470	1920	T1962	SX.T.9555.27.032

SX.T.95XX.27.XXX											
1.4541 (AISI 321)											
DN inches	ID mm	Tol. mm	N. braids	OD mm	Tol. mm	PN bar	BR static mm	BR dynamic mm	Wt. g/m ±10%	Part Number	Product Code
1"1/2	40	+0.7 0	0	49.5	±0.8	1.5	85	320	1100	T1890	SX.T.9500.27.040
			1	51.5	±0.8	38	130	480	1590	T1933	SX.T.9550.27.040
			2	53.5	±0.8	60	145	560	2090	T3955	SX.T.9555.27.040
2"	50	+1.0 0	0	61.6	±1.0	1	110	380	1600	T1891	SX.T.9500.27.050
			1	63.6	±1.0	30	170	570	2300	T1934	SX.T.9550.27.050
			2	65.8	±1.0	48	190	670	3000	T3956	SX.T.9555.27.050
2"1/2	65	+1.0 0	0	76.6	±1.0	1	150	450	2050	T1892	SX.T.9500.27.065
			1	79.1	±1.0	25	250	675	3050	T1935	SX.T.9550.27.065
			2	81.6	±1.0	40	270	790	4080	T3957	SX.T.9555.27.065
3"	80	+1.5 0	0	94.7	±1.5	1	180	650	3000	T1893	SX.T.9500.27.080
			1	97.2	±1.5	20	290	975	4450	T1936	SX.T.9550.27.080
			2	99.7	±1.5	30	320	1150	5950	T3958	SX.T.9555.27.080
4"	100	+1.5 0	0	115.0	±1.5	1	220	750	3700	T1894	SX.T.9500.27.100
			1	117.5	±1.5	15	350	1125	5050	T1937	SX.T.9550.27.100
			2	120.0	±1.5	25	400	1300	6450	T3959	SX.T.9555.27.100
5"	125	+1.5 0	0	142.0	±1.5	0.5	270	900	5150	T1895	SX.T.9500.27.125
			1	145.0	±1.5	10	450	1350	7400	T1938	SX.T.9550.27.125
			2	148.0	±1.5	16	500	1600	9700	T3960	SX.T.9555.27.125
6"	150	+1.5 0	0	167.0	±1.5	0.5	330	1100	6100	T1896	SX.T.9500.27.150
			1	170.0	±1.5	8	500	1650	8550	T1939	SX.T.9550.27.150
			2	173.0	±1.5	10	600	2000	11050	T3961	SX.T.9555.27.150

SX.T.95XX.24.XXX											
1.4404 (AISI 316L)											
DN inches	ID mm	Tol. mm	N. braids	OD mm	Tol. mm	PN bar	BR static mm	BR dynamic mm	Wt. g/m ±10%	Part Number	Product Code
1/4"	6	+0.3 0	0	10.7	±0.3	8	18	130	120	T21382	SX.T.9500.24.006
			1	12.2	±0.3	130	27	175	210	T1940	SX.T.9550.24.006
			2	13.5	±0.3	200	30	195	310		SX.T.9555.24.006
5/16"	8	+0.3 0	0	12.7	±0.5	7	20	140	150	T21826	SX.T.9500.24.008
			1	14.2	±0.5	120	30	210	250		SX.T.9550.24.008
			2	16.5	±0.5	190	35	230	350		SX.T.9555.24.008
3/8"	10	+0.3 0	0	14.7	±0.5	6	20	145	180	T1912	SX.T.9500.24.010
			1	16.2	±0.5	96	35	220	300	T1942	SX.T.9550.24.010
			2	18.5	±0.5	150	40	260	420		SX.T.9555.24.010
1/2"	12	+0.4 0	0	17.7	±0.6	5	25	150	240	T1913	SX.T.9500.24.012
			1	19.2	±0.6	96	40	225	380		SX.T.9550.24.012
			2	20.7	±0.6	150	45	265	540		SX.T.9555.24.012
5/8"	16	+0.4 0	0	21.7	±0.6	3	35	160	310	T1914	SX.T.9500.24.016
			1	23.2	±0.6	76	55	240	470	T1944	SX.T.9550.24.016
			2	24.7	±0.6	120	65	280	650		SX.T.9555.24.016
3/4"	20	+0.6 0	0	27.2	±0.7	2.5	45	180	410	T1915	SX.T.9500.24.020
			1	28.7	±0.7	64	70	270	650	T1945	SX.T.9550.24.020
			2	30.2	±0.7	95	80	320	900	T3967	SX.T.9555.24.020
1"	25	+0.6 0	0	32.2	±0.7	2.5	60	210	500	T1916	SX.T.9500.24.025
			1	33.7	±0.7	50	90	315	770	T1946	SX.T.9550.24.025
			2	35.2	±0.7	80	100	370	1050		SX.T.9555.24.025
1"1/4	32	+0.7 0	0	41.5	±0.8	1.5	70	270	900	T1917	SX.T.9500.24.032
			1	43.5	±0.8	40	105	405	1400	T1947	SX.T.9550.24.032
			2	45.5	±0.8	64	120	470	1920		SX.T.9555.24.032
1"1/2	40	+0.7 0	0	49.5	±0.8	1.5	85	320	1100	T1918	SX.T.9500.24.040
			1	51.5	±0.8	38	130	480	1590	T1948	SX.T.9550.24.040
			2	53.5	±0.8	60	145	560	2090		SX.T.9555.24.040
2"	50	+1.0 0	0	61.6	±1.0	1	110	380	1600	T1919	SX.T.9500.24.050
			1	63.6	±1.0	30	170	570	2300	T1949	SX.T.9550.24.050
			2	65.8	±1.0	48	190	670	3000		SX.T.9555.24.050

SX.T.95XX.24.XXX											1.4404 (AISI 316L)
DN inches	ID mm	Tol. mm	N. braids	OD mm	Tol. mm	PN bar	BR static mm	BR dynamic mm	Wt. g/m ±10%	Part Number	Product Code
2"1/2	65	+1.0 0	0	76.6	±1.0	1	150	450	2050	T1920	SX.T.9500.24.065
			1	79.1	±1.0	25	250	675	3050	T1950	SX.T.9550.24.065
			2	81.6	±1.0	40	270	790	4080		SX.T.9555.24.065
3"	80	+1.5 0	0	94.7	±1.5	1	180	650	3000	T1921	SX.T.9500.24.080
			1	97.2	±1.5	20	290	975	4450	T1951	SX.T.9550.24.080
			2	99.7	±1.5	30	320	1150	5950		SX.T.9555.24.080
4"	100	+1.5 0	0	115.0	±1.5	1	220	750	3700	T1922	SX.T.9500.24.100
			1	117.5	±1.5	15	350	1125	5050		SX.T.9550.24.100
			2	120.0	±1.5	25	400	1300	6450		SX.T.9555.24.100
5"	125	+1.5 0	0	142.0	±1.5	0.5	270	900	5150	T1923	SX.T.9500.24.125
			1	145.0	±1.5	10	450	1350	7400		SX.T.9550.24.125
			2	148.0	±1.5	16	500	1600	9700		SX.T.9555.24.125
6"	150	+1.5 0	0	167.0	±1.5	0.5	330	1100	6100	T1924	SX.T.9500.24.150
			1	170.0	±1.5	8	500	1650	8550		SX.T.9550.24.150
			2	173.0	±1.5	10	600	2000	11050		SX.T.9555.24.150

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.