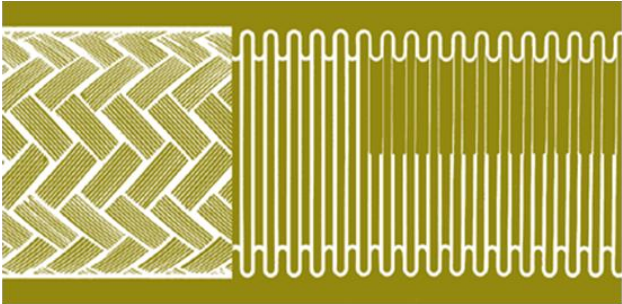

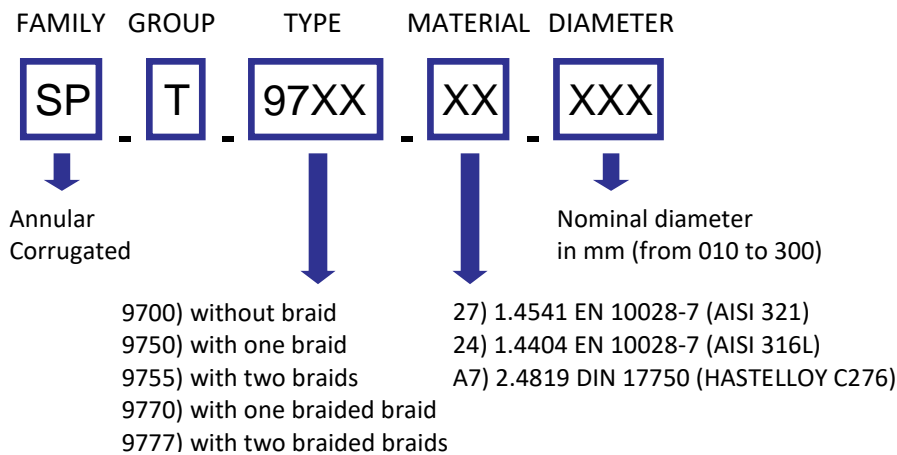


SP.T.9700●9750●9755●9770.XX.XXX

	<p>Description: Stainless steel or nickel alloy flexible hose. Hydroformed. Annular corrugated. Narrow pitch. Conforming to EN ISO 10380 Standard.</p>
<p>Characteristics:</p>	<p>High reliability, good flexibility, resistant to corrosion and static/pulsating pressure, absence of permeability, excellent absorption of vibrations. Solution for overcoming all problems related to static or dynamic offsets.</p>
<p>Size range:</p>	<p>From DN10 to DN300.</p>
<p>Supply condition:</p>	<p>From DN10 to DN50 continuous lengths on reel or in standard manufacturing lengths, depending on the requested quantities. For diameters over DN50, in standard manufacturing lengths.</p>
<p>Fittings:</p>	<p>In any material or type by TIG welding, silver brazing, or by mechanical fixing. 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). Nickel alloy 2.4819 DIN 17750 (ASTM B575 UNS N10276). On request, other grades of St. St.</p>
<p>Profile:</p>	 <p>High corrugation, narrow pitch, standard thickness.</p>
<p>Construction:</p>	<p>Hydroforming of a longitudinally butt-welded tube.</p>
<p>Types:</p>	<p>SP.T.9700 without braid. SP.T.9750 with one braid in St. St. 1.4301 EN10088-3 (AISI 304). SP.T.9755 with two braids in St. St. 1.4301 EN10088-3 (AISI 304). SP.T.9770 with braided braid in St. St. 1.4301 EN10088-3 (AISI 304). SP.T.9777 with two braided braid in St. St. 1.4301 EN10088-3 (AISI 304). Braids in other grades of St. St. : 1.4541 EN10088-3 (AISI 321) or 1.4404 EN10088-3 (AISI 316L) are available on request for quantities to be agreed.</p>
<p>Coverings:</p>	<p>SP.T.9750S with one braid in St. St. 1.4301 EN10088-3 (AISI 304) and additional sleeve in silicone coated fibreglass. Available for hose assembly only, not for bulk hoses.</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, vibrations.</p>

Applications:	Cryogenic and technical gasses, industrial and aeronautical refrigeration, exhaust gas systems, air bleed and oil breather in aircrafts, inflammable fluids on board of ships, gas turbines, solar energy systems, transformers, compressors, gas and LPG hoses and connectors, blast furnaces, converters.
Working pressure:	Up to 105 bar (SP.T.9755 DN10), depending on hose size and on number and type 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).

HOW TO READ PRODUCT CODE



Order by PART NUMBER !

NOTE:

To order long-length hose in drums, insert “99” between the letter T and the number (for example T3272 bulk hose - T993272 hose in drum).

Flexible hoses available in drums are labelled with * in the part number box.

Length of drums:

- 200 meters for DN 3/8” , DN 1/2”
- 150 meters for DN 3/4” , DN 1”
- 100 meters for DN 5/8” , DN 1” 1/4 , DN 1” 1/2, DN 2”.

SP.T.97XX.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
3/8"	10.6	±0.3	0	15.5	±0.6	5	35	125	110	T3272*	SP.T.9700.27.010
			1	17.0	±0.8	75	35	190	250	T3302*	SP.T.9750.27.010
			2	18.5	±1.0	105	35	205	400	T3317	SP.T.9755.27.010
1/2"	12.2	±0.3	0	18.0	±0.6	5	35	140	115	T3273*	SP.T.9700.27.012
			1	19.5	±0.8	70	35	210	290	T3303*	SP.T.9750.27.012
			2	21.0	±1.0	100	35	225	470	T3318	SP.T.9755.27.012
5/8"	15.8	±0.4	0	23.5	±0.8	4	45	190	175	T3274*	SP.T.9700.27.016
			1	25.0	±1.0	65	45	285	370	T3304*	SP.T.9750.27.016
			2	26.5	±1.2	90	45	305	580	T3319	SP.T.9755.27.016
3/4"	19.6	±0.4	0	28.5	±0.8	3	55	215	260	T3275*	SP.T.9700.27.020
			1	30.0	±1.0	50	55	310	500	T3305*	SP.T.9750.27.020
			2	31.5	±1.2	75	55	330	760	T3320	SP.T.9755.27.020
1"	25.5	±0.4	0	34.5	±0.8	3	70	250	320	T3276*	SP.T.9700.27.025
			1	36.0	±1.0	40	70	375	640	T3306*	SP.T.9750.27.025
			2	37.5	±1.2	60	70	385	960	T3321	SP.T.9755.27.025
1"1/4	32.7	±0.4	0	43.5	±0.8	3	80	270	500	T3277*	SP.T.9700.27.032
			1	45.5	±1.0	35	80	405	1000	T3307*	SP.T.9750.27.032
			2	47.5	±1.2	50	80	415	1520	T3322	SP.T.9755.27.032
1"1/2	39.7	±0.5	0	52.0	±1.0	2	100	320	630	T3278*	SP.T.9700.27.040
			1	54.0	±1.2	30	100	480	1200	T3308*	SP.T.9750.27.040
			2	56.0	±1.4	40	100	490	1770	T3323	SP.T.9755.27.040
2"	51.4	±0.5	0	65.5	±1.0	1	130	360	810	T3279*	SP.T.9700.27.050
			1	67.5	±1.2	25	130	550	1540	T3309*	SP.T.9750.27.050
			2	69.5	±1.4	32	130	570	2300	T3324	SP.T.9755.27.050
2"1/2	66.3	±0.6	0	85.4	±1.2	1	175	450	1380	T3280	SP.T.9700.27.065
			1	87.9	±1.4	20	175	675	2550	T3310	SP.T.9750.27.065
			2	90.4	±1.6	25	175	685	3800	T3325	SP.T.9755.27.065
3"	76.5	±0.6	0	97.5	±1.2	1	200	500	1520	T3281	SP.T.9700.27.075
			1	100.0	±1.4	18	200	750	2900	T3311	SP.T.9750.27.075
			2	102.5	±1.6	22	200	770	4350	T3326	SP.T.9755.27.075
4"	102.2	±1.0	0	125.0	±1.2	1	250	600	2150	T3282	SP.T.9700.27.100
			1	128.0	±1.4	14	250	920	4200	T3312	SP.T.9750.27.100
			2	131.0	±1.6	20	250	960	6300	T3327	SP.T.9755.27.100
5"	127.5	±1.0	0	151.5	±1.2	1	325	750	3250	T3283	SP.T.9700.27.125
			1	154.5	±1.4	12.5	325	1160	5800	T3313	SP.T.9750.27.125
			2	157.5	±1.6	18	325	1200	8400	T3328	SP.T.9755.27.125

SP.T.97XX.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
6"	152.0	±1.0	0	177.0	±1.2	0.8	375	850	4100	T3284	SP.T.9700.27.150
			1	180.0	±1.4	10	375	1320	6800	T3314	SP.T.9750.27.150
			2	183.0	±1.6	15	375	1400	9600	T3329	SP.T.9755.27.150
8"	203.0	±1.0	0	229.6	±1.0	0.80	460	740	7300	T3285	SP.T.9700.27.200
			1	232.6	±1.6	6	460	740	11000	T3315	SP.T.9750.27.200
			2	235.6	±2.0	9	460	740	15000	T3330	SP.T.9755.27.200
			1	237.0	±1.6	17.2	460	740	12200	T15706	SP.T.9770.27.200
10"	254.0	±1.0	0	288.0	±1.0	0.60	535	865	11100	T3286	SP.T.9700.27.250
			1	291.0	±1.6	3.5	535	865	15400	T3316	SP.T.9750.27.250
			2	294.0	±2.0	5	535	865	19700	T3331	SP.T.9755.27.250
12"	305.0	±1.0	0	341.6	±1.0	0.50	690	1120	16400	T5500	SP.T.9700.27.300
			1	344.6	±2.0	2	690	1120	21300	T4571	SP.T.9750.27.300
			2	347.6	±3.0	3	690	1120	26200	T15449	SP.T.9755.27.300
			1	349.0	±2.0	12.7	690	1120	24900	T5501	SP.T.9770.27.300

SP.T.97XX.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
3/8"	10.6	±0.3	0	15.5	±0.6	5	35	125	110	T3418*	SP.T.9700.24.010
			1	17.0	±0.8	75	35	190	250	T3433*	SP.T.9750.24.010
			2	18.5	±1.0	105	35	205	400	T3448	SP.T.9755.24.010
1/2"	12.2	±0.3	0	18.0	±0.6	5	35	140	115	T3419*	SP.T.9700.24.012
			1	19.5	±0.8	70	35	210	290	T3434*	SP.T.9750.24.012
			2	21.0	±1.0	100	35	225	470	T3449	SP.T.9755.24.012
5/8"	15.8	±0.4	0	23.5	±0.8	4	45	190	175	T3420*	SP.T.9700.24.016
			1	25.0	±1.0	65	45	285	370	T3435*	SP.T.9750.24.016
			2	26.5	±1.2	90	45	305	580	T3450	SP.T.9755.24.016
3/4"	19.6	±0.4	0	28.5	±0.8	3	55	215	260	T3421*	SP.T.9700.24.020
			1	30.0	±1.0	50	55	310	500	T3436*	SP.T.9750.24.020
			2	31.5	±1.2	75	55	330	760	T3451	SP.T.9755.24.020
1"	25.5	±0.4	0	34.5	±0.8	3	70	250	320	T3422*	SP.T.9700.24.025
			1	36.0	±1.0	40	70	375	640	T3437*	SP.T.9750.24.025
			2	37.5	±1.2	60	70	385	960	T3452	SP.T.9755.24.025
1 1/4"	32.7	±0.4	0	43.5	±0.8	3	80	270	500	T3423*	SP.T.9700.24.032
			1	45.5	±1.0	35	80	405	1000	T3438*	SP.T.9750.24.032
			2	47.5	±1.2	50	80	415	1520	T3453	SP.T.9755.24.032
1 1/2"	39.7	±0.5	0	52.0	±1.0	2	100	320	630	T3424*	SP.T.9700.24.040
			1	54.0	±1.2	30	100	480	1200	T3439*	SP.T.9750.24.040
			2	56.0	±1.4	40	100	490	1770	T3454	SP.T.9755.24.040
2"	51.4	±0.5	0	65.5	±1.0	1	130	360	810	T3425*	SP.T.9700.24.050
			1	67.5	±1.2	25	130	550	1540	T3440*	SP.T.9750.24.050
			2	69.5	±1.4	32	130	570	2300	T3455	SP.T.9755.24.050
2 1/2"	66.3	±0.6	0	85.4	±1.2	1	175	450	1380	T3426	SP.T.9700.24.065
			1	87.9	±1.4	20	175	675	2550	T3441	SP.T.9750.24.065
			2	90.4	±1.6	25	175	685	3800	T3456	SP.T.9755.24.065
3"	76.5	±0.6	0	97.5	±1.2	1	200	500	1520	T3427	SP.T.9700.24.075
			1	100.0	±1.4	18	200	750	2900	T3442	SP.T.9750.24.075
			2	102.5	±1.6	22	200	770	4350	T3457	SP.T.9755.24.075
4"	102.2	±1.0	0	125.0	±1.2	1	250	600	2150	T3428	SP.T.9700.24.100
			1	128.0	±1.4	14	250	920	4200	T3443	SP.T.9750.24.100
			2	131.0	±1.6	20	250	960	6300	T3458	SP.T.9755.24.100
5"	127.5	±1.0	0	151.5	±1.2	1	325	750	3250	T3429	SP.T.9700.24.125
			1	154.5	±1.4	12.5	325	1160	5800	T3444	SP.T.9750.24.125
			2	157.5	±1.6	18	325	1200	8400	T3459	SP.T.9755.24.125

SP.T.97XX.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
6"	152.0	±1.0	0	177.0	±1.2	0.8	375	850	4100	T3430	SP.T.9700.24.150
			1	180.0	±1.4	10	375	1320	6800	T3445	SP.T.9750.24.150
			2	183.0	±1.6	15	375	1400	9600	T3460	SP.T.9755.24.150
8"	203.0	±1.0	0	229.6	±1.0	0.80	460	740	7300	T3431	SP.T.9700.24.200
			1	232.6	±1.6	6	460	740	11000	T3446	SP.T.9750.24.200
			2	235.6	±2.0	9	460	740	15000	T3461	SP.T.9755.24.200
			1	237.0	±1.6	17.2	460	740	12200	T17385	SP.T.9770.24.200
10"	254.0	±1.0	0	288.0	±1.0	0.60	535	865	11100	T3432	SP.T.9700.24.250
			1	291.0	±1.6	3.5	535	865	15400	T3447	SP.T.9750.24.250
			2	294.0	±2.0	5	535	865	19700	T3462	SP.T.9755.24.250
12"	305.0	±1.0	0	341.6	±1.0	0.50	690	1120	16400	T16619	SP.T.9700.24.300
			1	344.6	±2.0	2	690	1120	21300	T4572	SP.T.9750.24.300
			2	347.6	±3.0	3	690	1120	26200	T17377	SP.T.9755.24.300
			1	349.0	±2.0	12.7	690	1120	24900	T17248	SP.T.9770.24.300

SP.T.97XX.A7.XXX 2.4819 (HASTELLOY C276)

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
1/2"	12.2	±0.3	0	18.0	±0.6	5	35	140	173	T3481	SP.T.9700.A7.012
			1	19.5	±0.8	70	35	210	348	T3336	SP.T.9750.A7.012
			2	21.0	±1.0	100	35	225	528	T33360	SP.T.9755.A7.012
5/8"	16.2	±0.4	0	23.1	±0.6	4	45	190	215	T3482	SP.T.9700.A7.016
			1	24.6	±0.8	65	45	285	410	T3337	SP.T.9750.A7.016
			2	26.1	±1.0	90	45	305	620	T33370	SP.T.9755.A7.016
3/4"	19.6	±0.4	0	28.5	±0.8	3	55	215	287	T3483	SP.T.9700.A7.020
			1	30.0	±1.0	50	55	310	527	T3338	SP.T.9750.A7.020
			2	31.5	±1.2	75	55	330	787	T33380	SP.T.9755.A7.020
1"	25.5	±0.4	0	34.5	±0.8	3	70	250	438	T3484	SP.T.9700.A7.025
			1	36.0	±1.0	40	70	375	758	T3339	SP.T.9750.A7.025
			2	37.5	±1.2	60	70	385	1078	T33390	SP.T.9755.A7.025
1"1/4	33.5	±0.4	0	43.5	±0.8	3	80	270	500	T3485	SP.T.9700.A7.032
			1	45.5	±1.0	35	80	405	1000	T3340	SP.T.9750.A7.032
			2	47.5	±1.2	50	80	415	1520	T33400	SP.T.9755.A7.032
1"1/2	39.7	±0.5	0	52.0	±1.0	2	100	320	713	T3486	SP.T.9700.A7.040
			1	54.0	±1.2	30	100	480	1283	T3341	SP.T.9750.A7.040
			2	56.0	±1.4	40	100	490	1853	T33410	SP.T.9755.A7.040
2"	51.4	±0.5	0	65.5	±1.0	1	130	360	895	T3487	SP.T.9700.A7.050
			1	67.5	±1.2	25	130	550	1625	T3342	SP.T.9750.A7.050
			2	69.5	±1.4	32	130	570	2385	T33420	SP.T.9755.A7.050

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.