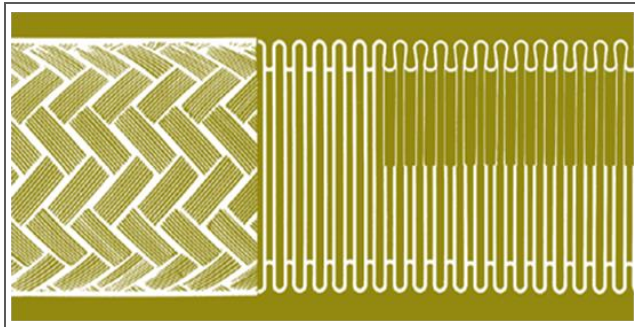

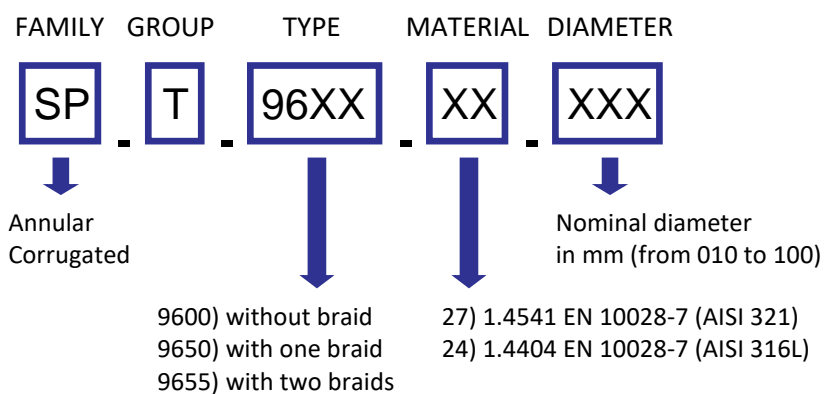


**SP.T.9600●9650●9655.XX.XXX**

	<p><b>Description:</b> Stainless steel extra-flexible hose. Hydroformed. Annular corrugated. Very narrow pitch. Conforming to EN ISO 10380 Standard.</p>
<p><b>Characteristics:</b></p>	<p>High reliability, excellent 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 and cyclic motions.</p>
<p><b>Size range:</b></p>	<p>From DN10 to DN100.</p>
<p><b>Supply condition:</b></p>	<p>Standard manufacturing lengths.</p>
<p><b>Fittings:</b></p>	<p>In any material or type by TIG welding, silver brazing. 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 St. St.</p>
<p><b>Profile:</b></p>	 <p>High corrugation, very narrow pitch, omega-shaped profile, standard thickness.</p>
<p><b>Construction:</b></p>	<p>Hydroforming of a longitudinally butt-welded tube.</p>
<p><b>Types:</b></p>	<p>SP.T.9600 without braid. SP.T.9650 with one braid in St. St. 1.4301 EN10088-3 (AISI 304). SP.T.9655 with two braids in St. St. 1.4301 EN10088-3 (AISI 304). Braids of 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><b>Coverings:</b></p>	<p>SP.T.965VS with one braid in St. St. 1.4301 EN10088-3 (AISI 304) and additional covering in silicone coated fibreglass . Available for hose assembly only, not for bulk hoses.</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, frequent movements, static or dynamic offsets, strong vibrations.</p>
<p><b>Applications:</b></p>	<p>Cryogenic and technical gasses, industrial and aeronautical refrigeration, exhaust gas systems, air bleed in aircraft, inflammable fluids on board of ships, gas turbines, transformers, compressors, gas and LPG hoses and connectors, blast furnaces, converters, plate presses.</p>

<b>Working pressure:</b>	Up to 105 bar (SP.T.9655 DN10), depending on hose size and on number and type 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).

## HOW TO READ PRODUCT CODE



**Order by PART NUMBER !**

SP.T. 96XX.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 $\pm 10\%$	Part Number	Product Code
3/8"	10.2	$\pm 0.3$	0	16.2	$\pm 0.6$	3	30	100	130	T3523	SP.T.9600.27.010
			1	17.7	$\pm 0.8$	75	30	150	270	T3550	SP.T.9650.27.010
			2	19.2	$\pm 1.0$	105	30	160	425	T3563	SP.T.9655.27.010
1/2"	12.0	$\pm 0.3$	0	18.2	$\pm 0.6$	2.5	30	130	150	T3524	SP.T.9600.27.012
			1	19.7	$\pm 0.8$	70	30	195	330	T3551	SP.T.9650.27.012
			2	21.2	$\pm 1.0$	100	30	210	510	T3564	SP.T.9655.27.012
5/8"	15.5	$\pm 0.4$	0	24.0	$\pm 0.8$	2	35	170	215	T3525	SP.T.9600.27.016
			1	25.5	$\pm 1.0$	65	35	255	410	T3552	SP.T.9650.27.016
			2	27.0	$\pm 1.2$	90	35	270	620	T3565	SP.T.9655.27.016
3/4"	19.3	$\pm 0.4$	0	29.0	$\pm 0.8$	1.8	40	190	320	T3526	SP.T.9600.27.020
			1	30.5	$\pm 1.0$	50	40	290	570	T3553	SP.T.9650.27.020
			2	32.0	$\pm 1.2$	75	40	305	825	T3566	SP.T.9655.27.020
1"	25.4	$\pm 0.4$	0	34.7	$\pm 0.8$	1.8	50	210	390	T3527	SP.T.9600.27.025
			1	36.1	$\pm 1.0$	40	50	320	700	T3554	SP.T.9650.27.025
			2	37.4	$\pm 1.2$	60	50	330	1025	T3567	SP.T.9655.27.025
1"1/4	32.7	$\pm 0.4$	0	44.0	$\pm 0.8$	1.5	65	220	590	T3528	SP.T.9600.27.032
			1	46.0	$\pm 1.0$	35	65	330	1100	T3555	SP.T.9650.27.032
			2	48.0	$\pm 1.2$	50	65	340	1600	T3568	SP.T.9655.27.032
1"1/2	38.9	$\pm 0.5$	0	52.5	$\pm 1.0$	1.2	80	260	740	T3529	SP.T.9600.27.040
			1	54.5	$\pm 1.2$	30	80	400	1300	T3556	SP.T.9650.27.040
			2	56.5	$\pm 1.4$	40	80	410	1900	T3569	SP.T.9655.27.040
2"	51.6	$\pm 0.5$	0	66.0	$\pm 1.0$	0.6	100	300	950	T3530	SP.T.9600.27.050
			1	68.0	$\pm 1.2$	25	100	450	1700	T3557	SP.T.9650.27.050
			2	70.0	$\pm 1.4$	32	100	460	2500	T3570	SP.T.9655.27.050
2"1/2	65.5	$\pm 0.6$	0	86.0	$\pm 1.2$	0.6	140	360	1780	T3531	SP.T.9600.27.065
			1	88.5	$\pm 1.4$	20	140	540	3000	T3558	SP.T.9650.27.065
			2	91.0	$\pm 1.6$	25	140	550	4200	T3571	SP.T.9655.27.065
3"	76.0	$\pm 0.5$	0	98.2	$\pm 1.2$	0.5	160	420	2000	T3532	SP.T.9600.27.075
			1	100.7	$\pm 1.4$	18	160	640	3400	T3559	SP.T.9650.27.075
			2	103.2	$\pm 1.6$	22	160	650	4900	T3572	SP.T.9655.27.075
4"	102.5	$\pm 1.0$	0	125.5	$\pm 1.2$	0.5	200	550	2500	T3533	SP.T.9600.27.100
			1	128.0	$\pm 1.4$	14	200	840	4500	T3560	SP.T.9650.27.100
			2	130.5	$\pm 1.6$	20	200	860	6600	T3573	SP.T.9655.27.100

SP.T. 96XX.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"	10.2	±0.3	0	16.2	±0.6	3	30	100	130	T3628	SP.T.9600.24.010
			1	17.7	±0.8	75	30	150	270	T3654	SP.T.9650.24.010
			2	19.2	±1.0	105	30	160	425	T3667	SP.T.9655.24.010
1/2"	12.0	±0.3	0	18.2	±0.6	2.5	30	130	150	T3629	SP.T.9600.24.012
			1	19.7	±0.8	70	30	195	330	T3655	SP.T.9650.24.012
			2	21.2	±1.0	100	30	210	510	T3668	SP.T.9655.24.012
5/8"	15.5	±0.4	0	24.0	±0.8	2	35	170	215	T3630	SP.T.9600.24.016
			1	25.5	±1.0	65	35	255	410	T3656	SP.T.9650.24.016
			2	27.0	±1.2	90	35	270	620	T3669	SP.T.9655.24.016
3/4"	19.3	±0.4	0	29.0	±0.8	1.8	40	190	320	T3631	SP.T.9600.24.020
			1	30.5	±1.0	50	40	290	570	T3657	SP.T.9650.24.020
			2	32.0	±1.2	75	40	305	825	T3670	SP.T.9655.24.020
1"	25.4	±0.4	0	34.7	±0.8	1.8	50	210	390	T3632	SP.T.9600.24.025
			1	36.1	±1.0	40	50	320	700	T3658	SP.T.9650.24.025
			2	37.4	±1.2	60	50	330	1025	T3671	SP.T.9655.24.025
1"1/4	32.7	±0.4	0	44.0	±0.8	1.5	65	220	590	T3633	SP.T.9600.24.032
			1	46.0	±1.0	35	65	330	1100	T3659	SP.T.9650.24.032
			2	48.0	±1.2	50	65	340	1600	T3672	SP.T.9655.24.032
1"1/2	38.9	±0.5	0	52.5	±1.0	1.2	80	260	740	T3634	SP.T.9600.24.040
			1	54.5	±1.2	30	80	400	1300	T3660	SP.T.9650.24.040
			2	56.5	±1.4	40	80	410	1900	T3673	SP.T.9655.24.040
2"	51.6	±0.5	0	66.0	±1.0	0.6	100	300	950	T3635	SP.T.9600.24.050
			1	68.0	±1.2	25	100	450	1700	T3661	SP.T.9650.24.050
			2	70.0	±1.4	32	100	460	2500	T3674	SP.T.9655.24.050
2"1/2	65.5	±0.6	0	86.0	±1.2	0.6	140	360	1780	T3636	SP.T.9600.24.065
			1	88.5	±1.4	20	140	540	3000	T3662	SP.T.9650.24.065
			2	91.0	±1.6	25	140	550	4200	T3675	SP.T.9655.24.065
3"	76.0	±0.5	0	98.2	±1.2	0.5	160	420	2000	T3637	SP.T.9600.24.075
			1	100.7	±1.4	18	160	640	3400	T3663	SP.T.9650.24.075
			2	103.2	±1.6	22	160	650	4900	T3676	SP.T.9655.24.075
4"	102.5	±1.0	0	125.5	±1.2	0.5	200	550	2500	T3638	SP.T.9600.24.100
			1	128.0	±1.4	14	200	840	4500	T3664	SP.T.9650.24.100
			2	130.5	±1.6	20	200	860	6600	T3677	SP.T.9655.24.100

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.