



parflex®


G30

SP.T.9600 ● 9650 ● 9655.XX.XXX

- Stainless Steel Extra-Flexible hose
- Annular Corrugations
- Very Narrow Pitch
- **Conforming to ISO 10380 Standards**



Technical table

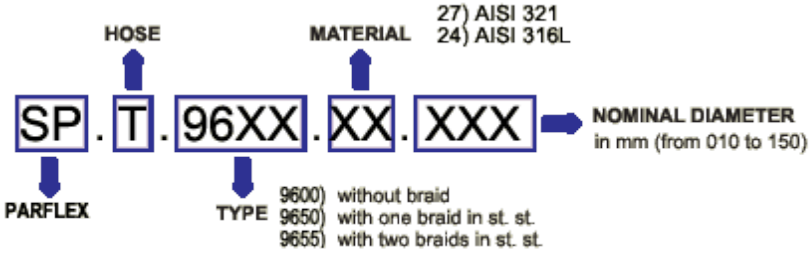
Profile	
	Tall, very narrow pitch, omega shape, standard wall.
Construction	Hydroforming of a longitudinally butt-welded tube.
Materials	St. St. AISI 321 (1.4541 EN 10088-1). St. St. AISI 316L (1.4404 EN 10088-1). On request, other grades of St.St.
Types	<p>SP.T.9600 without coverings.</p> <p>SP.T.9650 covered with one braid in St. St. AISI 304 (1.4301 EN-10088-1).</p> <p>SP.T.9655 covered with two braids in St. St. AISI 304 (1.4301 EN-10088-1).</p> <p>SP.T.965V covered with one St. St. braid in AISI 304 (1.4301 EN 10088-1) and further braid (or strip) in Fibreglass.</p> <p>On request, for quantities to be agreed: braids of other grades of St. St. (AISI 321, 316L) or other coverings.</p>
Characteristics	Series SP.T.96XX , with or without coverings, has exceptional characteristics of flexibility, reliability and long duration. These properties, together with high pressure resistance and excellent vibration absorption, offer the users the ideal solution for all the most demanding applications involving dynamic offsets and very frequent motions.

Size range	From Nd 10 to Nd 150 mm.
Temperature	-200° ÷ 550°C for St. St. AISI 321*. -200° ÷ 550°C for St. St. Inox AISI 316L. -200° ÷ 550°C for St. St. Inox AISI 304. *For superior temperature range, please consult our technical service.
Working pressure	Up to 105 bar (SP.T.9655 Nd 10 mm), depending on hose size and on number of braids.
Fittings	Of any type in carbon steel, malleable cast iron, brass, bronze, stainless steel. Attachments can be made by TIG welding, silver brazing, or by mechanical fixing. A wide assortment of braid ferrules is available ex stock.
Use	Delivery, under pressure or vacuum of all fluids compatible with stainless steel. Vibration absorbers, gas exhaust hoses for combustion engines.
Applications	Wherever very severe ambient conditions are combined with chemical aggression, high temperature, pressure or vacuum, very frequent motions , static or dynamic offset, strong vibration , problems of permeability (rare gasses), etc.
Packing	Wooden drums, up to size 1"1/4. Mill lengths (10-12 mt) for larger sizes.

SP.T.9600-9650-9655.965V.XX.XXX											
ND ins	ID mm	Tol. ± mm	N. of St. St. braids	OD mm	Tol. ± mm	NP bar	Static Br mm	Dynamic Br mm	Weight g/m ±10%	Part Number	Product Code
3/8"	10.2	0.3	0	16.2	0.6	3	30	100	130	T3523	SP.T.9600.27.010
			1	17.7	0.8	75	30	150	270	T3550	SP.T.9650.27.010
			2	19.2	1.0	105	30	160	425	T3563	SP.T.9655.27.010
1/2"	12.0	0.3	0	18.2	0.6	2.5	30	130	150	T3524	SP.T.9600.27.012
			1	19.7	0.8	70	30	195	330	T3551	SP.T.9650.27.012
			2	21.2	1.0	100	30	210	510	T3564	SP.T.9655.27.012
5/8"	15.5	0.4	0	24.0	0.8	2	35	170	215	T3525	SP.T.9600.27.016
			1	25.5	1.0	65	35	255	410	T3552	SP.T.9650.27.016
			2	27.0	1.2	90	35	270	620	T3565	SP.T.9655.27.016
3/4"	19.3	0.4	0	29.0	0.8	1.8	40	190	320	T3526	SP.T.9600.27.020
			1	30.5	1.0	50	40	290	570	T3553	SP.T.9650.27.020
			2	32.0	1.2	75	40	305	825	T3566	SP.T.9655.27.020
1"	25.4	0.4	0	34.7	0.8	1.8	50	210	390	T3527	SP.T.9600.27.025
			1	36.1	1.0	40	50	320	700	T3554	SP.T.9650.27.025
			2	37.4	1.2	60	50	330	1025	T3567	SP.T.9655.27.025
1"1/4	32.7	0.4	0	44.0	0.8	1.5	65	220	590	T3528	SP.T.9600.27.032
			1	46.0	1.0	35	65	330	1100	T3555	SP.T.9650.27.032
			2	48.0	1.2	50	65	340	1600	T3568	SP.T.9655.27.032
1"1/2	38.9	0.5	0	52.5	1.0	1.2	80	260	740	T3529	SP.T.9600.27.040
			1	54.5	1.2	30	80	400	1300	T3556	SP.T.9650.27.040
			2	56.5	1.4	40	80	410	1900	T3569	SP.T.9655.27.040
2"	51.6	0.5	0	66.0	1.0	0.6	100	300	950	T3530	SP.T.9600.27.050
			1	68.0	1.2	25	100	450	1700	T3557	SP.T.9650.27.050
			2	70.0	1.4	32	100	460	2500	T3570	SP.T.9655.27.050
2"1/2	65.5	0.6	0	86.0	1.2	0.6	140	360	1780	T3531	SP.T.9600.27.065
			1	88.5	1.4	20	140	540	3000	T3558	SP.T.9650.27.065
			2	91.0	1.6	25	140	550	4200	T3571	SP.T.9655.27.065
3"	76.0	0.6	0	98.2	1.2	0.5	160	420	2000	T3532	SP.T.9600.27.075
			1	100.7	1.4	18	160	640	3400	T3559	SP.T.9650.27.075
			2	103.2	1.6	22	160	650	4900	T3572	SP.T.9655.27.075
4"	102.5	1.0	0	125.5	1.2	0.5	200	550	2500	T3533	SP.T.9600.27.100
			1	128.0	1.4	14	200	840	4500	T3560	SP.T.9650.27.100
			2	130.5	1.6	20	200	860	6600	T3573	SP.T.9655.27.100
5"	127.5	1.0	0	151.5	1.2	0.4	260	625	4000	T3534	SP.T.9600.27.125
			1	154.5	1.4	12.5	260	950	6500	T3561	SP.T.9650.27.125
			2	157.5	1.6	18	260	980	9100	T3574	SP.T.9655.27.125
6"	151	1.0	0	177.5	1.2	0.4	300	750	5000	T3535	SP.T.9600.27.150
			1	180.5	1.4	10	300	1150	7700	T3562	SP.T.9650.27.150
			2	183.5	1.6	15	300	1200	10500	T3575	SP.T.9655.27.150

- Part Number and Product code excepted, this Tab also refers to materials 24 and 38.
- Part Number and Code of the required item are to be mentioned in Purchase Orders.

QUICK REFERENCE FOR PRODUCT CODE



Our constant effort towards continuous improvement might involve, at any time and without advice, modifications of the dimensional and operational characteristics given in this data sheet. For hose applications requiring specific characteristics and/or operational conformity, please consult our technical service.