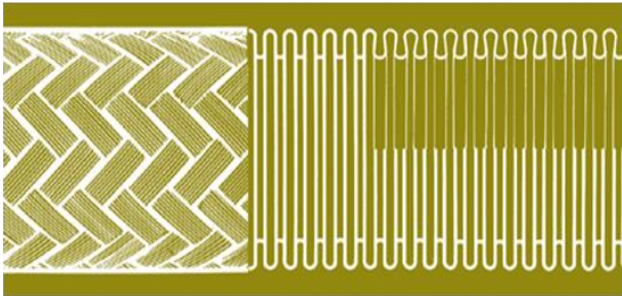

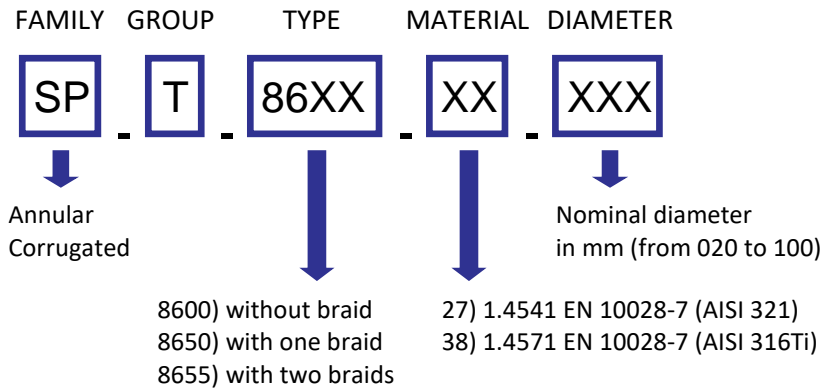


**SP.T.8600●8650●8655.XX.XXX**

	<b>Description:</b> Stainless steel flexible hose. Hydroformed. Annular corrugated. Heavy duty wall for high pressure. Very narrow pitch.
<b>Characteristics:</b>	Heavy-duty wall and braid for extra reliability, good flexibility, resistance to corrosion and excellent resistance to static/pulsating pressure, absence of permeability. Solution for overcoming all problems related to static or dynamic offsets combined with vibrations.
<b>Size range:</b>	From DN20 to DN100.
<b>Supply condition:</b>	Standard manufacturing lengths.
<b>Fittings:</b>	In any material or type by TIG welding or silver brazing. Braid ferrules available for optimal attachment of end connectors.
<b>Materials:</b>	Stainless steel 1.4541 EN10028-7 (AISI 321). Stainless steel 1.4571 EN10028-7 (AISI 316Ti). On request, other grades of St. St.
<b>Profile:</b>	 High corrugation, very narrow pitch, omega-shaped profile, heavy-duty.
<b>Construction:</b>	Hydroforming of a longitudinally butt-welded tube.
<b>Types:</b>	SP.T.8600 without braid. SP.T.8650 with one braid in St. St. 1.4301 EN10088-3 (AISI 304). SP.T.8655 with two braids 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.
<b>Coverings:</b>	SP.T.865VS with one braid in St. St. 1.4301 EN10088-3 (AISI 304) and additional covering in silicone fibreglass. Available for hose assembly only, not for bulk hoses.
<b>Use:</b>	Delivery under pressure of all liquid or gaseous fluids compatible with stainless steel under extreme environmental conditions, combined with aggressive chemicals, high temperature, movements, static or dynamic offsets and vibrations.
<b>Applications:</b>	Fire prevention systems, inflammable fluids on board of ships, heating systems, blast furnaces and converters, cryogenic and technical gasses, gas turbines, plate presses.
<b>Working pressure:</b>	Up to 120 bar (SP.T.8655 DN20), depending on hose size and on number 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).
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**HOW TO READ PRODUCT CODE**



**Order by PART NUMBER !**

SP.T.86XX.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		
3/4"	19,1	±0.4	0	29,2	±0.8	3.2	45	360	525	T9590	SP.T.8600.27.020		
			1	30,4	±1.0	75	45	480	905	T29686	SP.T.8650.27.020		
			2	31,6	±1.2	120	45	515	1305	T29687	SP.T.8655.27.020		
1"	25,2	±0.4	0	36,9	±0.8	3.2	60	425	680	T13619	SP.T.8600.27.025		
			1	38,5	±1.0	60	60	565	1230	T21743	SP.T.8650.27.025		
			2	40,1	±1.2	100	60	590	1810	T29685	SP.T.8655.27.025		
1"1/4	32,2	±0.4	0	44,1	±0.8	3.2	70	475	990	T10577	SP.T.8600.27.032		
			1	46,1	±1.0	50	70	630	1600	T21747	SP.T.8650.27.032		
			2	48,1	±1.2	85	70	665	2250	T29451	SP.T.8655.27.032		
1"1/2	39,2	±0.5	0	52,4	±1.0	2	85	515	1200	T21761	SP.T.8600.27.040		
			1	54,4	±1.2	45	85	725	2020	T21760	SP.T.8650.27.040		
			2	56,4	±1.4	75	85	765	2860	T21759	SP.T.8655.27.040		
2"	50,6	±0.5	0	65,9	±1.0	2	110	585	1990	T11190	SP.T.8600.27.050		
			1	67,9	±1.2	40	110	820	3180	T12361	SP.T.8650.27.050		
			2	69,9	±1.4	65	110	860	4410	T13624	SP.T.8655.27.050		
2"1/2	65,1	±0.6	0	85,8	±1.2	2	135	600	3020	T11105	SP.T.8600.27.065		
			1	88,2	±1.4	35	135	820	4560	T11106	SP.T.8650.27.065		
			2	90,6	±1.6	55	135	860	6145	T29682	SP.T.8655.27.065		
3"	75,7	±0.6	0	97,9	±1.2	2	150	690	3500	T9375	SP.T.8600.27.075		
			1	100,3	±1.4	25	150	960	5100	T29680	SP.T.8650.27.075		
			2	102,7	±1.6	45	150	1035	6700	T29681	SP.T.8655.27.075		

SP.T.86XX.38.XXX												1.4571 (AISI 316Ti)	
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		
4"	101,9	±1.0	0	125,5	±1.2	2	215	945	4375	T11848	SP.T.8600.38.100		
			1	127,8	±1.4	20	215	1230	6610	T29689	SP.T.8650.38.100		
			2	130,2	±1.6	36	215	1300	8900	T29690	SP.T.8655.38.100		

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.