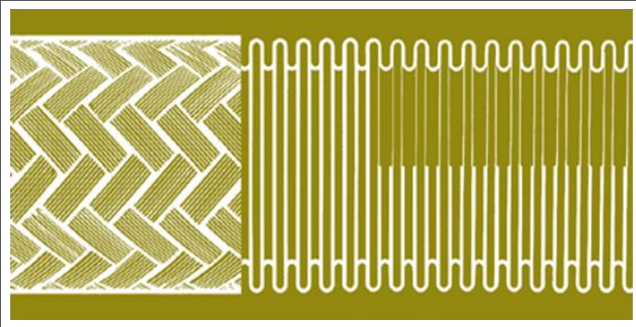

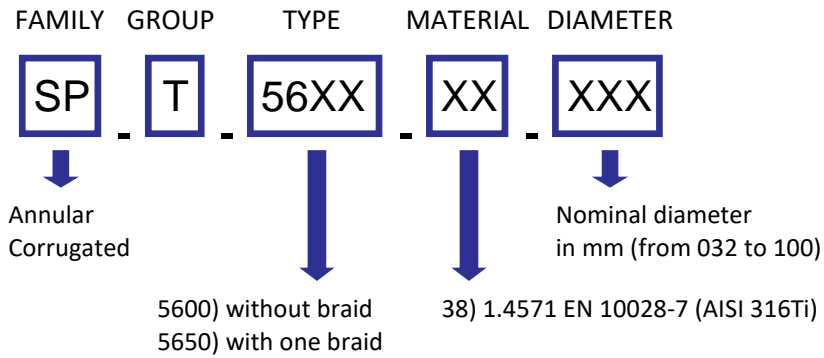


SP.T.5600●5650.XX.XXX

	<p>Description: Stainless steel flexible hose. Mechanically formed. Annular corrugated. Very narrow pitch. Certified EN ISO 10380</p>
Characteristics:	Extremely high flexibility and excellent fatigue resistance and excellent resistance to vibration thanks to narrow pitch and high corrugation profile.
Size range:	From DN32 to DN100.
Supply conditions:	Continuous lengths on reel up to DN 50, standard manufacturing lengths for bigger sizes.
Fittings:	Braid ferrules and various type of fittings available.
Materials:	Stainless steel 1.4571 EN10028-7 (AISI 316Ti). On request, for quantities to be agreed, other grades of St. St. or other alloys.
Profile:	 High wave, very narrow pitch.
Construction:	Steel strip profiling, longitudinal butt welding and in line mechanical forming. Welds 100% inspected.
Types:	Hose can be supplied without or with one or more stainless steel braiding 1.4301 EN10088-3 (AISI 304). Other braiding type available upon request.
Use:	Delivery under pressure, low 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, pulsating pressure.
Applications:	Technical gasses, industrial and aeronautical refrigeration, inflammable fluids on board of ships, high-pressure fire prevention systems, heating and solar energy systems, transformers, gas and LPG hoses.
Working pressure:	Up to 55 bar (SP.T.5650 DN32), 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!

SP.T.56XX.38.XXX											1.4571 (AISI 316Ti)	
DN inches	ID mm	Tol. mm	N. braids	OD mm	Tol. mm	PN 10k bar *	PN 50k bar **	BR static mm	BR dynamic mm	Wt. g/m ±10%	Part Number	Product Code
1"1/4	33.0	±0.5	0	44.0	±0.5	2.5	2.5	60	300	720	T21520	SP.T.5600.38.032
			1	46.5	±0.5	55	42	105	300	1430	T21530	SP.T.5650.38.032
1"1/2	40.0	±0.5	0	52.0	±0.5	2.5	2.5	80	340	860	T21521	SP.T.5600.38.040
			1	54.5	±0.5	45	34	130	340	1650	T21531	SP.T.5650.38.040
2"	51.0	±0.5	0	64.5	±0.5	1	1	100	390	1240	T21522	SP.T.5600.38.050
			1	66.5	±0.5	32	20	160	390	2110	T21532	SP.T.5650.38.050
2"1/2	65.5	±0.5	0	82.0	±0.5	1	1	115	460	1660	T21523	SP.T.5600.38.065
			1	84.5	±0.5	28	20	200	460	3010	T21533	SP.T.5650.38.065
3"	80.0	±0.8	0	96.5	±0.8	1.5	1.5	130	660	2400	T21524	SP.T.5600.38.080
			1	99.0	±0.8	22	22	240	660	3650	T21534	SP.T.5650.38.080
4"	100.0	±0.8	0	118.0	±0.8	1	1	160	750	3100	T21525	SP.T.5600.38.100
			1	120.5	±0.8	18	12	240	750	4700	T21535	SP.T.5650.38.100

* PN for static and dynamic application up to 10.000 cycles according to EN ISO 10380 Type 1-10

** PN for dynamic application 50.000 cycles according to EN ISO 10380 Type 1-50

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.