

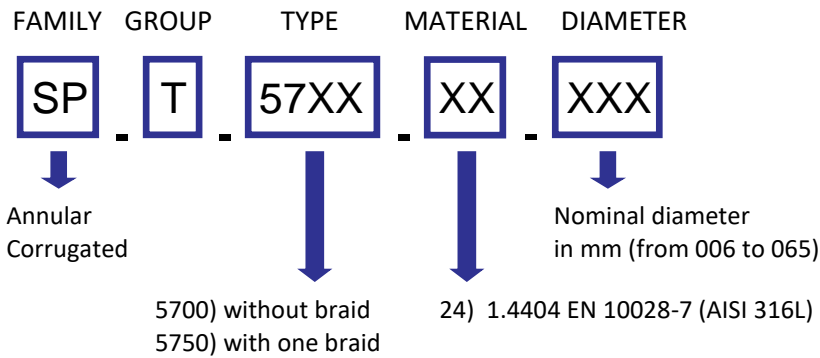


SP.T.5700●5750.XX.XXX

	<p>Description: Stainless steel or nickel alloy flexible hose. Mechanically formed. Annular corrugated. Narrow pitch. Conforming to EN ISO 10380 Standard.</p>
<p>Characteristics:</p>	<p>Good flexibility and high reliability, resistant to corrosion and excellent resistance to static/pulsating pressure, absence of permeability, excellent absorption of vibrations. Solution for overcoming all problems related to static or dynamic offsets. Suitable for explosive atmospheres.</p>
<p>Size range:</p>	<p>From DN6 to DN65.</p>
<p>Supply conditions:</p>	<p>Continuous lengths on reel or hanks, depending on the requested quantities.</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 1.4404 EN10028-7 (AISI 316L). On request, other grades of St. St.</p>
<p>Profile:</p>	 <p>Narrow pitch, standard wall.</p>
<p>Construction:</p>	<p>Mechanical forming of a longitudinally butt-welded tube.</p>
<p>Types:</p>	<p>SP.T.5700 without braid. SP.T.5750 with one braid in St. St. 1.4301 EN10088-3 (AISI 304). Braids in other grades of St. St. : 1.4404 EN10088-3 (AISI 316L) or other types of coverings are available on request for quantities to be agreed.</p>
<p>Use:</p>	<p>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, movements, static or dynamic offsets, vibrations.</p>
<p>Applications:</p>	<p>Cryogenic and 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.</p>
<p>Working pressure:</p>	<p>Up to 150 bar (SP.T.5750 DN6), depending on the diameter and the number of braids. See technical table.</p>
<p>Temperature:</p>	<p>-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).</p>

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 T26369 bulk hose - T9926369 hose in drum).

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

Length of drums:

- 200 meters for DN 1/4", DN 5/16", DN 3/8", DN 1/2"
- 150 meters for DN 5/8", DN 3/4", DN 1", DN 1.1/4", DN 1.1/2",
- 100 meters for DN 2", DN 2.1/2"

Hoses labelled with ** are shipped on drum for order ≥ 100 m

SP.T.57XX.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
1/4"	6.3	±0.3	0	9.6	±0.3	18	12	140	65	T26369*	SP.T.5700.24.006
			1	11.1	±0.3	150	25	140	164	T11200*	SP.T.5750.24.006
5/16"	8.2	±0.3	0	12.1	±0.3	15	16	165	82	T26049*	SP.T.5700.24.008
			1	13.6	±0.3	135	32	165	214	T11201*	SP.T.5750.24.008
3/8"	10.2	±0.3	0	14.3	±0.3	12	20	150	103	T21510*	SP.T.5700.24.010
			1	15.8	±0.3	90	38	150	235	T11202*	SP.T.5750.24.010
1/2"	12.5	±0.3	0	17.2	±0.3	9	25	210	142	T21513*	SP.T.5700.24.012
			1	18.7	±0.3	70	45	210	293	T22773*	SP.T.5750.24.012
5/8"	16.3	±0.3	0	22.0	±0.3	7	25	195	185	T21505*	SP.T.5700.24.016
			1	23.5	±0.3	65	58	195	380	T11204*	SP.T.5750.24.016
3/4"	20.3	±0.3	0	26.5	±0.3	6	30	225	265	T21507*	SP.T.5700.24.020
			1	28.0	±0.3	55	70	225	526	T11205*	SP.T.5750.24.020
1"	25.5	±0.3	0	32.0	±0.3	3	45	260	337	T21512*	SP.T.5700.24.025
			1	33.5	±0.3	50	85	260	646	T11206*	SP.T.5750.24.025
1.1/4"	33.8	±0.3	0	43.9	±0.3	2.5	60	300	540	T278170*	SP.T.5700.24.032
			1	46.4	±0.3	55	105	300	1254	T25716**	SP.T.5750.24.032
1.1/2"	40.8	±0.3	0	52.0	±0.3	2.5	80	340	660	T257170*	SP.T.5700.24.040
			1	54.5	±0.3	45	130	340	1450	T25717**	SP.T.5750.24.040
2"	51.0	±0.3	0	64.0	±0.3	1	100	390	950	T257180*	SP.T.5700.24.050
			1	66.5	±0.3	32	160	390	1704	T25718**	SP.T.5750.24.050
2.1/2"	66.7	±0.3	0	81.4	±0.3	1	200	460	1272	T312740*	SP.T.5700.24.065
			1	83.9	±0.3	28	200	460	2622	T31274**	SP.T.5750.24.065

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.