

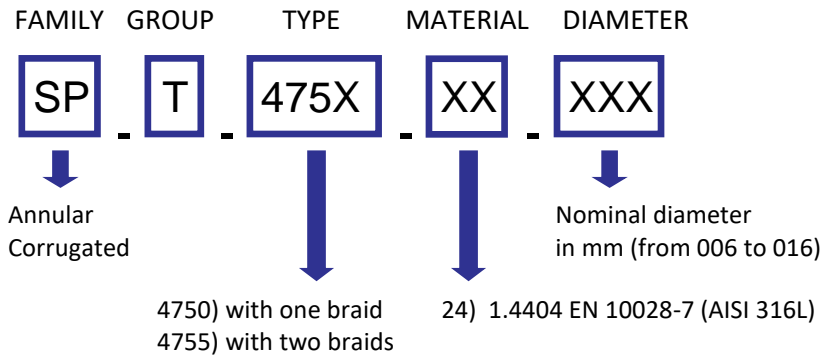


SP.T.4750●4755.XX.XXX

	<p><b>Description:</b>                  Stainless steel flexible hose.                  Mechanically formed.                  Annular corrugated.                  Heavy duty wall for high pressure.                  Conforming to EN ISO 10380 Standard.</p>
<p><b>Characteristics:</b></p>	<p>High reliability, good flexibility, resistant to corrosion and excellent resistance to static/pulsating pressure, absence of permeability.                  Solution for overcoming all problems related to high pressure and static offsets.</p>
<p><b>Size range:</b></p>	<p>From DN6 to DN16.</p>
<p><b>Supply conditions:</b></p>	<p>Supplied in 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 1.4404 EN10028-7 (AISI 316L).</p>
<p><b>Profile:</b></p>	 <p>Standard pitch, heavy wall.</p>
<p><b>Construction:</b></p>	<p>Mechanical forming of a longitudinally butt-welded tube.</p>
<p><b>Types:</b></p>	<p>SP.T.4750 with one braid in St. St. 1.4301 EN10088-3 (AISI 304).                  SP.T.4755 with two braids in St. St. 1.4301 EN10088-3 (AISI 304).</p>
<p><b>Use:</b></p>	<p>Delivery under high pressure of all liquid or gaseous fluids compatible with stainless steel under severe environmental conditions, combined with aggressive chemicals, high temperature. Static installation or for cyclic movements with weak amplitudes.</p>
<p><b>Applications:</b></p>	<p>Cryogenic and technical gasses, industrial and aeronautical refrigeration, inflammable fluids on board of ships, high-pressure fire prevention systems, gas and LPG systems.</p>
<p><b>Working pressure:</b></p>	<p>Up to 300 bar (SP.T.4755 DN6), depending on the diameter and the number of braids. See technical table.</p>
<p><b>Temperature:</b></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:**

Fabrication lengths 10 – 100 meters

<b>SP.T.475X.24.XXX</b>											
<b>1.4404 (AISI 316L)</b>											
<b>DN inches</b>	<b>ID mm</b>	<b>Tol. mm</b>	<b>N. braids</b>	<b>OD mm</b>	<b>Tol. mm</b>	<b>PN bar</b>	<b>BR static mm</b>	<b>BR dynamic mm</b>	<b>Wt. g/m ±10%</b>	<b>Part Number</b>	<b>Product Code</b>
1/4"	6.1	±0.3	1	12.3	±0.3	250	25	140	280	T14963	SP.T.4750.24.006
			2	14.5	±0.3	300	25	140	459	T30416	SP.T.4755.24.006
5/16"	8.1	±0.3	1	14.8	±0.3	200	32	165	350	T30415	SP.T.4750.24.008
			2	17.1	±0.3	250	32	165	781	T30417	SP.T.4755.24.008
3/8"	10.1	±0.3	1	16.3	±0.3	150	38	190	320	T14964	SP.T.4750.24.010
			2	18.0	±0.3	200	38	190	500	T30418	SP.T.4755.24.010
1/2"	12.3	±0.3	1	19.5	±0.3	120	45	210	493	T14965	SP.T.4750.24.012
			2	21.9	±0.3	200	45	210	806	T30419	SP.T.4755.24.012
5/8"	16.4	±0.3	1	25.5	±0.3	130	58	250	800	T14969	SP.T.4750.24.016
			2	28.6	±0.3	200	58	250	1350	T30459	SP.T.4755.24.016

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.