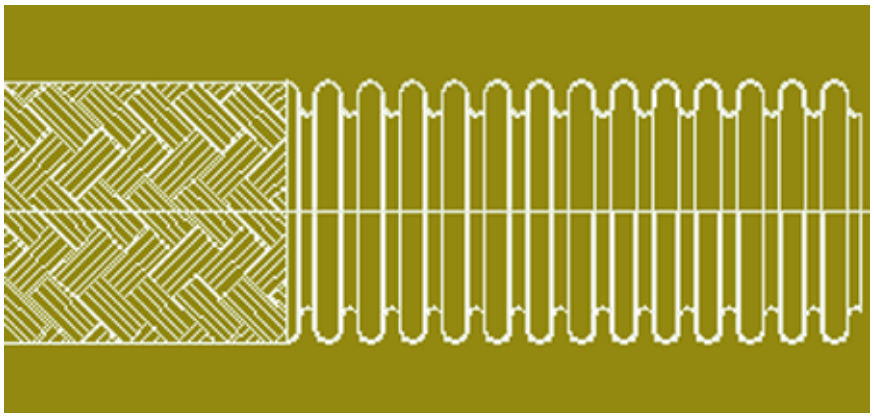
parflex® G90

miniwave® SP.T.6700L ● 6750L ● 6755L.XX.XXX

- Stainless Steel Flexible hose
- Annular Corrugations
- Narrow Pitch
- **Light Weight**



Technical table

Profile

Miniwave, narrow pitch, thin wall.

Construction

Hydroforming of a longitudinally butt-welded thin 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

SP.T.6700L	without coverings.
SP.T.6750L	covered with one braid in St. St. AISI 304 (1.4301 EN-10088-1).
SP.T.6755L	covered with two braids in St. St. AISI 304 (1.4301 EN-10088-1).

On request, for quantities to be agreed: braids of other grades of St. St. (AISI 321, 316L) or other coverings.

Characteristics

The geometry of Series' **SP.T.67XXL** profile has been studied for optimising flexibility at high working pressure. The smaller external diameter of the hose allows the use of thinner strips and of braids of smaller size. All this provides a first quality product with unprecedented performance at a very convenient level of prices.

Size range

From Nd 20 to Nd 50 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 80 bar (SP.T.6755L Nd 20 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 maid 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, also in presence of vibration.

Applications
Wherever very severe ambient conditions are combined with chemical aggression, high temperature, pressure, vacuum, **frequent motions**, static or dynamic offset, permeability (rare gasses), etc.

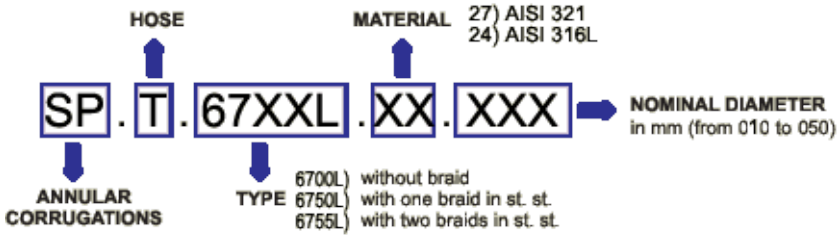
Packing
Coiled on wooden drums.

SP.T.6700L-6750L-6755L.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%	Lenght m	Part Number	Product Code
3/8"	10	-	-	-	-	-	-	-	-	20-24	**T17183***	SP.T.6700L.27.**010**
			-	-	-	-	-	-	-		**T17570***	SP.T.6750L.27.**010**
			-	-	-	-	-	-	-		**T17645***	SP.T.6755L.27.**010**
1/2"	12.5	-	-	-	-	-	-	-	-	20-24	**T17184***	SP.T.6700L.27.**012**
			-	-	-	-	-	-	-		**T17571***	SP.T.6750L.27.**012**
			-	-	-	-	-	-	-		**T17646***	SP.T.6755L.27.**012**
5/8"	15.9	-	-	-	-	-	-	-	-	20-24	**T17185***	SP.T.6700L.27.**016**
			-	-	-	-	-	-	-		**T17572***	SP.T.6750L.27.**016**
			-	-	-	-	-	-	-		**T17647***	SP.T.6755L.27.**016**
3/4"	20	0.3	0	25.5	0.5	3	70	215	180	20-24	**T15724**	SP.T.6700L.27.**020**
			1	26.8	0.6	50	70	285	400		**T17573**	SP.T.6750L.27.**020**
			2	28.4	0.6	80	70	285	630		**T17648**	SP.T.6755L.27.**020**
1"	25.8	0.3	0	31.8	0.5	2	85	250	235	20-24	**T15725**	SP.T.6700L.27.**025**
			1	33.1	0.6	40	85	325	530		**T17574**	SP.T.6750L.27.**025**
			2	34.5	0.6	63	85	325	820		**T17649**	SP.T.6755L.27.**025**
1"1/4	33	0.4	0	40.4	0.5	1	105	270	385	20-24	**T17186**	SP.T.6700L.27.**032**
			1	42.2	0.6	35	105	380	800		**T17575**	SP.T.6750L.27.**032**
			2	43.8	0.6	50	105	380	1200		**T17650**	SP.T.6755L.27.**032**
1"1/2	40.1	0.4	0	48.4	0.6	1	130	320	515	10-12	**T17187**	SP.T.6700L.27.**040**
			1	50.2	0.8	30	130	430	1040		**T17576**	SP.T.6750L.27.**040**
			2	51.8	0.8	40	130	430	1560		**T17651**	SP.T.6755L.27.**040**
2"	51.7	0.4	0	61.1	0.6	1	160	360	625	10-12	**T17188**	SP.T.6700L.27.**050**
			1	62.9	0.8	25	160	490	1300		**T17577**	SP.T.6750L.27.**050**
			2	64.5	0.8	32	160	490	1970		**T17652**	SP.T.6755L.27.**050**

- * These items will be available in the future.
- Part Number and Product code excepted, this Tab also refers to material 24.
- 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.