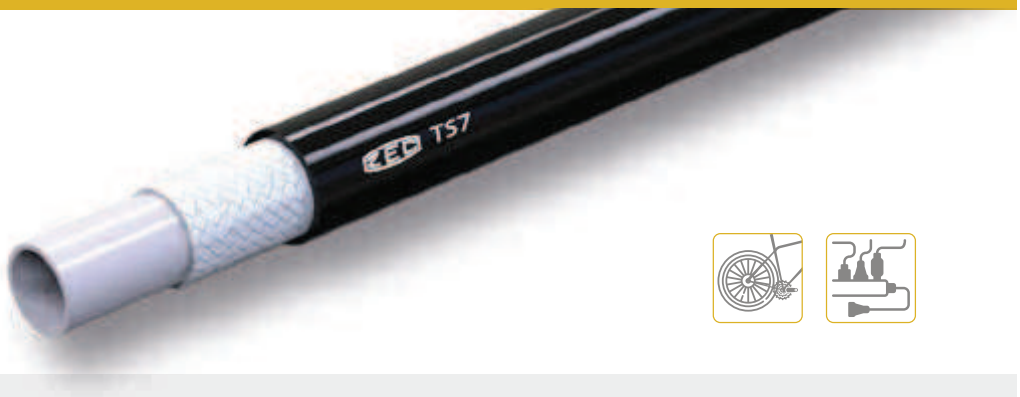
TS7/TS7-PA
MICRO BORE HOSES



Caratteristiche principali

- **Applicazioni oleodinamiche ad alta pressione**
- **Leggero**
- **Elevata flessibilità**
- **Resistente al kinking**

Main Features

- ***High pressure hydraulic applications***
- ***Lightweight***
- ***High flexibility***
- ***Kinking resistant***

Caratteristiche tecniche

- **Caratteristiche tecnico-costruttive:**

Anima interna in poliestere (o poliammide* **), rinforzo con treccia singola in poliestere e rivestimento esterno in poliuretano (o poliammide*) nero lucido, forato per convogliamento aria e gas compatibili.
Su richiesta rivestimento in poliuretano opaco.

- **Temperature di utilizzo:**

Da -40 °C (-40 °F) a +100 °C (+212 °F).
In caso di acqua, o fluidi a base acquosa, la temperatura max. di lavoro è di +70 °C (+158 °F).
Temperature superiori a +80 °C possono ridurre la durata di vita utile del tubo.

- **Valore max. di vuoto:**

pressione assoluta 0.93bar; 700 mmHg.
(pressione assoluta 13.5 psi; 27.5 inchHg).

- **Variazione max. di lunghezza alla pressione di esercizio:**

Da -1.5% a +1.5%

- **Note:**

Marcatura standard specifica solo per 1:3 SF.

Technical Features

- ***Technical-constructive Features:***

Inner core of polyester (or polyamide **), single braided polyester reinforcement and outer covering of shiny black polyurethane (or polyamide*), pin-pricked for conveying air and compatible gases. Matte polyurethane cover available on request.*

- ***Working Temperatures:***

From -40°C (-40°F) to +100°C (+212°F).
Max. working temperature with water or water-based fluids is +70°C (+158°F).
Temperatures higher than +80°C may reduce hose lifespan.

- ***Max. Vacuum Value:***

absolute pressure 0.93 bar; 700 mmHg.
(absolute pressure 13.5 psi; 27.5 inchHg).

- ***Max. Length Variation at Working Pressure:***

From -1.5% to +1.5%

- ***Note:***

Standard branding specifies 1:3 SF only.

Scheda tecnica - *Data Sheet*

CODE	mm	inch	DN	mm	inch	bar	psi	bar	psi	bar	psi	mm	inch	g/m	lbs/ft	FERRULE
	ID			OD		MAX WP 1:4		MAX WP 1:3		MIN BP AT 23°C		R MIN		g		
TS750210100	2.1	0.0827	2	5.0	0.197	300	4350	400	5800	1200	17400	20	0.787	21	0.0141	BPTS50
TS750213100PA*	2.1	0.0827	2	5.0	0.197	300	4350	400	5800	1200	17400	20	0.787	19	0.0128	BPTS50
TS750220100PA**	2.2	0.0866	2	5.0	0.197	187	2710	250	3630	750	10880	20	0.787	19	0.0128	BPTS50
TS756250100	2.5	0.0984	2	5.6	0.220	187	2710	250	3630	750	10880	20	0.787	24	0.0161	BPTS55
TS756250100PA**	2.5	0.0984	2	5.6	0.220	187	2710	250	3630	750	10880	20	0.787	24	0.0161	BPTS55

* Anima e copertura in PA
** Anima in PA

** PA inner core and cover*
*** PA inner core*