



# TOYOSPRING

Multi-Purpose Suction Hose with High Oil Resistance

TS Types



-5°C to 60°C



Hose material :

**Soft PVC**

Hose reinforcement :

**Hard steel wire**

**RoHS2**

## Hose Feature

- Resistance to collapsing and breaking prevents fluids from stopping up, eliminating worries.
- More resistant to oil than the TOYORON, the TOYOSPRING Hose provides long life.
- Compared with ordinary vacuum hoses, the inner surface of the TOYOSPRING Hose is at, meaning little residue remains inside, making fluid changes a breeze.
- With superior transparency, it is easy to confirm the fluid inside.

## Feature

Feature	Can use without problem	Probably usable
RoHS 2 compliant	•	
Shape-retaining	•	
Insulating		•
Low elution		•
Chemical-resistance		•
Oil-resistance		•
Transparence	•	
Flexibility		•
Vacuum feed	•	
Pressure feed	•	

## Technical Data

Product No.	Size (Inch)	I.D. x O.D. (mm.)	Use Pressure (Bar)	Bursting Pressure (Bar)	Weight (Kg)	Length (m.)	Minimum bend radius (mm.)	Packaging	Color
TS-6	1/4	6×11	-1 ~ 8	50	11	100	25	Bobbin style	Transparent with attractive lines
TS-8	5/16	8×13.5	-1 ~ 8	50	14	100	35		
TS-9	3/8	9×15	-1 ~ 8	50	17	100	40		
TS-12	1/2	12×18	-1 ~ 5	35	23	100	50		
TS-15	5/8	15×22	-1 ~ 5	35	32	100	60		
TS-19	3/4	19×26	-1 ~ 4	30	21	50	80		
TS-25	1	25×33	-1 ~ 4	21	27	50	100	Film packing	
TS-32	1-1/4	32×41	-1 ~ 3	20	31	40	130		
TS-38	1-1/2	38×48	-1 ~ 3	17	39	40	150		
TS-45	1-3/4	45×56	-1 ~ 3	16	55	40	189		
TS-50	2	50×62	-1 ~ 3	14	60	40	200		
TS-63	2-1/2	63×80	-1 ~ 2	14	54	20	265		
TS-75	3	75×92	-1 ~ 2	13	62	20	310		
TS-90	3-1/2	90×108	-1 ~ 2	13	44	10	370		
TS-100	4	100×118	-1 ~ 2	13	48	10	410		









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**Recommended : Toyoconnector (Nut Fastening Couplings) and W-Safety Clamp with Nipple**

Product No.	I.D.	O.D.	TOYOCONNECTOR					CLAMP Pipe thread male	
			Brass	Brass	SUS	Brass + Resin	SUS	Brass	
									
			TC3-B	TC6-B	TC6-S	TC3-PB	TCSB	TCSB	
TS-6	6	11							
TS-8	8	13.5							
TS-9	9	15	●				●	●	
TS-12	12	18	●				●	●	
TS-15	15	22	●				●	●	●
TS-19	19	26	●				●	●	●
TS-25	25	33	●				●	●	●
TS-32	32	41		●	●				
TS-38	38	48		●	●				
TS-45	45	56							
TS-50	50	62		●	●				
TS-63	63	80							
TS-75	75	92							
TS-90	90	108							
TS-100	100	118							

**Recommended : KAMLOK**

Product No.	I.D.	O.D.	KAMLOK COUPLER HOSE SHANK			TWINLOK COUPLER HOSE SHANK			KAMLOK ADAPTER HOSE SHANK		
			Aluminium	SUS	PP	Aluminium	SUS	PP	Aluminium	SUS	PP
											
			633C AL	633C SST	633C PP	633CL AL	633CL SST	633CL PP	633E AL	633E SST	633E PP
TS-6	6	11									
TS-8	8	13.5									
TS-9	9	15									
TS-12	12	18									
TS-15	15	22									
TS-19	19	26	●	●	●	●	●	●	●	●	●
TS-25	25	33	●	●	●	●	●	●	●	●	●
TS-32	32	41	●	●		●	●		●	●	
TS-38	38	48	●	●	●	●	●	●	●	●	●
TS-45	45	56	●	●	●	●	●	●	●	●	●
TS-50	50	62	●	●		●	●		●	●	
TS-63	63	80	●	●	●	●	●	●	●	●	●
TS-75	75	92	●	●		●	●		●	●	
TS-90	90	108									
TS-100	100	118	●	●		●	●		●	●	