



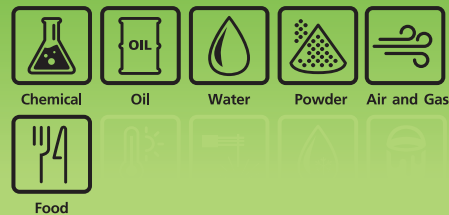
TOYOSILICONE

Multi-Purpose Food Grade Hose with Heat Resistant

TSI Types



-30°C to 150°C



Hose material :

Silicone Rubber

Hose reinforcement :

Polyester Thread (NTS)

Non-PVC **RoHS2**

Hose Feature

- Resistant to high heat, Capable of withstanding fluids at up to 150°C, the TOYOSILICONE Hose can be cleaned inside when used for food and can be used for floor cleaning (certain restrictions apply).
- Excellent for low-temperature, feeds Flexible even in sub-freezing conditions such as for filling or conveyance.
- Coupling disassembly for fast cleaning Food hoses with genuine couplings can be disassembled for cleaning, saving time.
- The coupling construction keeps liquid pooling at an absolute minimum.
- Compliant with laws and regulations Fully compliant with Public Notice Nos. 52 and 595 of the Food Sanitation Act, as well as FDA standards
- Can be used safely as a food hose.
- Special reinforcement to prevent bursting The innovative reinforcement construction ensures more reliable performance without threads unraveling or ruptures near the coupling.
- High insulation A higher level of insulation than with vinyl chloride, appropriate for the semiconductor and electronics industries.
- Flavorless and odorless The materials do not leach and there is no odor, providing worry-free conveyance for foods, beverages and more.
- Fluid verification The transparent TOYOSILICONE Hose allows confirmation of the fluid inside.
- Lightweight and adaptable Roughly 30% lighter than ordinary rubber hoses to make work more efficient.

This hose does not use phthalate plastidizers. Note: This hose does not use phthalate plastidizers.

Feature	Can use without problem	Probably usable
FDA registered	•	
USP compliant	•	
RoHS 2 compliant	•	
Easy disposal	•	
Meets Food Sanitation Act	•	
Insulating		
Low elution		•
Low odor		•
Chemical-resistance		•
Oil-resistance		•
Transparence		•
Heat-resistance	•	•
Flexibility	•	
Flexibility	•	

Technical Data

Product No.	Size (Inch)	I.D. x O.D. (mm.)	Use Pressure (Bar)	Weight (Kg)	Length (m.)	Minimum bend radius (mm.)	Packaging	Color
TSI-5	3/16	4.8x10.6	0 ~ 10	1.8	20	70	BOX	With milky green lines
TSI-6	1/4	6.3x12.3	0 ~ 10	2.3	20	80		
TSI-8	5/16	7.9x14.3	0 ~ 10	2.9	20	90		
TSI-9	3/8	9.5x16.0	0 ~ 10	3.2	20	100		
TSI-12	1/2	12.7x19.5	0 ~ 5	2.1	10	130		
TSI-15	5/8	15.9x24.0	0 ~ 5	3.1	10	150		
TSI-19	3/4	19.0x28.0	0 ~ 5	4.1	10	180		
TSI-25	1	25.4x35.5	0 ~ 5	5.9	10	220		
TSI-32	1-1/4	32.0x43.5	0 ~ 5	8.5	10	250		
TSI-38	1-1/2	38.1x50.5	0 ~ 5	10.5	10	310		
TSI-50	2	50.8x64.5	0 ~ 3	7.9	5	550		



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

Product No.	I.D.	O.D.	TOYOCONNECTOR (Nut fastening couplings)				Integrated coupling	Fastening couplings					
			Taper male thread for pipes	Ferrule	Ferrule	Ferrule		Ferrule	Hexagon head	Male	Kamlok	Taper male thread for pipes	Parallel female thread for pipes
			SUS	SUS	SUS	SUS		SUS	SUS	SUS	SUS	SUS	SUS
			TC3-SS	TCFS	TC3-FS	NLF	HF	HNT	HM	HC	H01	H04	
TSI-5	4.8	10.6											
TSI-6	6.3	12.3											
TSI-8	7.9	14.3											
TSI-9	9.5	16	●		●						●	●	
TSI-12	12.7	19.5	●		●		●				●	●	
TSI-15	15.9	24	●		●		●			●			
TSI-19	19	28	●		●		●	●		●	●	●	
TSI-25	25.4	35.5	●		●	●	●	●	●	●	●	●	
TSI-32	32	43.5		●		●	●	●	●	●			
TSI-38	38.1	50.5		●			●	●	●	●			
TSI-50	50.8	64.5					●	●	●	●			

Recommended : KAMLOK

Product No.	I.D.	O.D.	KAMLOK COUPLER HOSE SHANK			TWINLOK COUPLER HOSE SHANK			KAMLOK ADAPTER HOSE SHANK		
			Aluminum	SUS	PP	Aluminum	SUS	PP	Aluminum	SUS	PP
			633C AL	633C SST	633C PP	633CL AL	633CL SST	633CL PP	633E AL	633E SST	633E PP
TSI-5	4.8	10.6									
TSI-6	6.3	12.3									
TSI-8	7.9	14.3									
TSI-9	9.5	16									
TSI-12	12.7	19.5									
TSI-15	15.9	24									
TSI-19	19	28	●	●	●	●	●		●	●	
TSI-25	25.4	35.5	●	●	●	●	●	●	●	●	●
TSI-32	32	43.5	●	●	●	●	●	●	●	●	●
TSI-38	38.1	50.5	●	●	●	●	●	●	●	●	●
TSI-50	50.8	64.5	●	●	●	●	●	●	●	●	●



Accessories

Toyocap TYP IIa: TYPS

