



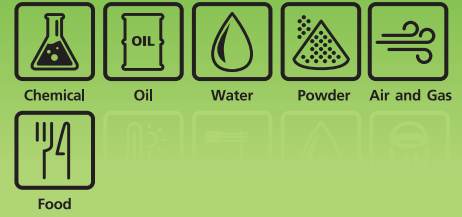
HYBRID TOYOSILICONE

Food Grade Suction Hose with Heat Resistant and Anti-Bend

HTSI Types



-30°C ถึง 130°C



Hose material :

Silicone Rubber

Hose reinforcement :

Polyester Thread (NTS)+

Heat Resistant Specialized Resin (PET Resin)

HYBRID Non-PVC Vacuum OK RoHS2

Hose Feature

- Resistant to breaking and crushing Reduces product loss and problems due to fluid stoppage.
- Resistant to high heat Capable of withstanding fluids at up to 130°C, the HYBRID TOYOSILICONE Hose can be cleaned inside when used for food and can be used for floor cleaning. (Certain restrictions apply.)
- Perfect for narrow spaces Perfect for spaces with narrow bends and for use in the drive parts of filling machines.
- Vacuum safe Can be used in suction applications up to -0.05 MPa.
- Fluid verification The transparency of the HYBRID TOYOSILICONE Hose allows confirmation of the fluid inside.
- Retains its original shape Made with resin, not metal, reinforcement, the HYBRID TOYOSILICONE Hose returns to its original shape if crushed for a long life.
- Eliminates rust worries The special, heat-resistant resin reinforcement material means no rusting for safe, worry-free and sanitary performance.
- Waste sorting not needed The reinforcing material is made of special, heat-resistant resin, so no sorting is needed for disposal.
- Compliant with laws and regulations Fully compliant with the Food Sanitation Act (Ministry of Health, Labour and Welfare Public Notice Nos. 595 of 2012 and 52 of 1951) and FDA standards for safe performance.
- Can be used safely as a food hose.

1. Under no circumstances should these hoses be used for nonpolar organic solvents (such as benzene, toluene and hexane), halogenated hydrocarbons (such as methylene chloride or trichloroethane), concentrated strong acids, strong bases, mineral oil or steam. Also, do not use for animal or vegetable oil at temperatures exceeding 70°C.
2. Do not use for high temperature water at exceeding 100°C. Due to weakened reinforcement (thread), it can cause a hose puncture and secondary damage such as injury and burn.

Feature

Feature	Can use without problem	Probably usable
FDA registered	●	
RoHS 2 compliant	●	
Easy disposal	●	
Shape-retaining	●	
Meets Food Sanitation Act	●	
Low elution		●
Low odor		●
Chemical-resistance:		●
Oil-resistance		●
Insulating:		●
Transparence:		●
Vacuum feed	●	
Heat-resistance	●	
Flexibility	●	
Pressure feed	●	

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
HTSI-12	1/2	12.7x19.5	-0.5 ~ 5	2.1	10	80	BOX	มีแถบ สีเขียวอ่อน
HTSI-15	5/8	15.9x24.0	-0.5 ~ 5	3.1	10	105		
HTSI-19	3/4	19.5x28.5	-0.5 ~ 5	4.2	10	140		
HTSI-25	1	25.4x35.5	-0.5 ~ 5	6.3	10	190		
HTSI-32	1-1/4	32.0x43.5	-0.5 ~ 5	9.0	10	240		
HTSI-38	1-1/2	38x50.5	-0.5 ~ 5	11.8	10	290		



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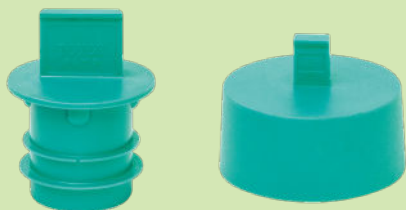
HTSI Types

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

Product No.	I.D.	O.D.	TOYOCONNECTOR (Nut fastening couplings)					Fastening couplings			
			Taper male thread for pipes	Ferrule	Ferrule	Ferrule	Hexagon head thread	Male	Kamlok	Pipe thread male	Pipe thread female
			SUS	SUS	SUS	SUS	SUS	SUS	SUS	SUS	SUS
			TC3-SS	TCFS	TC3-FS	HF	HNT	HM	HC	H01	H04
HTSI-12	12.7	19.5	●		●	●				●	●
HTSI-15	15.9	24	●		●	●					
HTSI-19	19.5	28.5	●		●	●			●	●	●
HTSI-25	25.4	35.5	●		●	●	●	●	●	●	●
HTSI-32	32.0	43.5		●		●	●	●	●		
HTSI-38	38.1	50.5		●		●	●	●	●		

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
HTSI-19	19.5	28.5	●	●	●	●	●		●	●	●
HTSI-25	25.4	35.5	●	●	●	●	●	●	●	●	●
HTSI-32	32.0	43.5	●	●		●	●		●	●	
HTSI-38	38.1	50.5	●	●	●	●	●	●	●	●	●



Accessories

Toyocap TYP IIa: TYPS

