

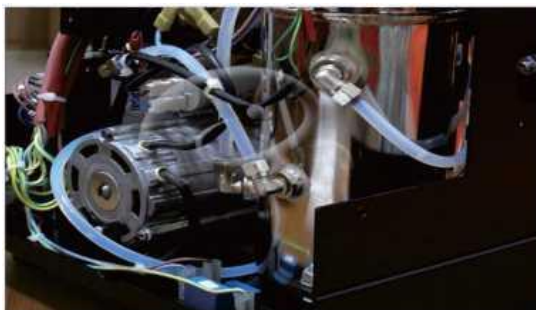
Daily Necessities、 Medical Care、 Food Equipment Industries

Food Grade Silicone Hose



Products are widely used in household appliances, daily necessities industry, this product uses food grade high performance ordinary silicone or high transparent, high tear resistance gas phase silicone raw materials with aluminum gold two-component high temperature vulcanization, extrusion forming, with non-toxic, tasteless, environmental protection and other characteristics, often used in fresh-keeping box, water dispenser, coffee machine, beer machine and other sealing, temperature resistance, water preservation and other functions of the parts.

Application:



Technical Parameters:

Material	Food grade silicone
Color	Transparent
Hardness (Shore A)	40~70±5。
Density (g/cm ³)	1.2 ±0.1
Elongation at Break(%)	N200
Tensile strength (Mpa)	N6
Tear Strength (KN/m)	N18
Continuous use Temp(°C)	-40~ 200°
Anti-Yellowing	There was no significant change in 1 year
Environmental Protection Class	ROHS、 FDA、 LFGB、 NSF

Size Range & Specification:

Min Inner Dia A (mm)	Max Inner Dia B (mm)	Wall Thinkness C(mm)	Packaging (L)
0.5	80	0.3-15	According to customer requirements or factory

Remarks:

1. All data are common values, excluding customized dimensions.
2. Packaging, special color, cutting length, bonding, etc., can be customized according to customer needs.
3. The detailed parameters of the product are subject to the sample acknowledgement.

Food Grade Silicone Braided Hose



Products are widely used in pharmaceutical, cosmetic, biotechnology, food, beverage, alcohol processing and equipment industry, the product uses high transparent, high tear medical, food grade silicone raw materials with platinum two-component vulcanization system, the middle braid high temperature resistant polyester thread and outer silicone wrap, strengthen the compound. With special process forming, the inner wall is smooth and easy to clean. It can be used for household appliances and equipment parts with special requirements such as complete vacuum, rupture resistance, high temperature resistance, torsion resistance, fatigue resistance and strong pressure. This product cannot be used for human transplantation.

Technical Parameters:

Material	Medical food grade silicone, polyester thread
Color	Transparent
Hardness (Shore A)	Inner 70°Outer 60°
Density (g/cm ³)	1.2±0.1
Elongation at Break(%)	≥360
Tensile strength (Mpa)	≥8.6
Tear Strength (KN/m)	≥32

Continuous use Temp(°C)	-40~200°
Anti-Yellowing	There was no significant change in 1 year
Environmental Protection Class	ROHS FDA LFGB NSF

Application:



Size Range and Specification:

Model	Inner Diameter A (mm)	Outer Diameter B (mm)	Wall Thickness C(mm)	Burst Pressure (KG)	Bending Radius (mm)	Packaging (m/bag)
GTI-X001	3± 0.5	8± 0.5	2.5	N38	35	1 ~ 15 m/bag
GTI-X002	4± 0.5	9 ±0.5	2.5	N38	35	1 ~ 15 m/bag
GTI-X003	5± 0.5	11 ± 0.5	3	N38	35	1 ~ 15 m/bag
GTI-X004	6.35 ± 0.5	12± 0.5	2.825	N35	35	1 ~ 15 m/bag
GTI-X005	7.93 ± 0.5	15± 0.5	3.535	N35	50	1 - 15 m/bag
GTI-X006	9.52 ± 0.5	17± 0.5	3.74	N35	50	1 ~ 15 m/bag
GTI-X007	12.7 ± 0.7	22 ±0.7	4.65	N25	70	1 ~ 15 m/bag
GTI-X008	15.87 ± 0.7	25 ± 0.7	4.565	N23	80	1 ~ 15 m/bag
GTI-X009	19.05 ± 0.7	31 ± 0.7	5.975	N18	110	1 ~ 15 m/bag
GTI-X010	25.4 ± 0.7	38 ± 0.7	6.3	N 12	150	1 ~ 15 m/bag
GTI-X011	31.75 ± 0.7	46 ± 0.7	7.125	N12	200	1 ~ 15 m/bag

Remarks:

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2. Packaging, special color, cutting length, etc., can be customized according to customer needs.
3. Please refer to the sample acknowledgement letter for detailed product parameters.

Special Silicone Hose for Peristaltic Pump



The silicone tube of peristaltic pump is made of imported silicone rubber raw materials and gold vulcanization production technology. It has the advantages of non-toxic, physiological inertia, ultraviolet resistance, ozone resistance, high and low temperature resistance, high transparency, strong resilience, compression and permanent deformation resistance. It is an ideal pipe specially suitable for peristaltic pump, and can be widely used in the scientific and production of GMP pharmaceutical, biological engineering, molecular biology, fine chemical industry, environmental protection, food processing and other fields. Products can also be resistant to weak acid and alkali, such as: weak corrosive drugs, low concentration of high radium potassium, acetaldehyde reagent, animal oil, vegetable oil, vasiline, glucose, alcohol, hand sanitizer, fruit juice, disinfectant, blood, weak acid and alkaline gas.

End pump silicone tube different hose paint wheel anti summer extrusion, friction ability, different pipe type, pipe, pump head, running speed has different life. The use of life in pump systems is called flexible life, in particular applications, pump characteristics are very consistent. Choose long life, thick wall pipe, at the same time choose large flow pump, running at low speed, can get longer hose life.

Application:





Technical Parameters:

Material	Special silicone with high life
Color	Transparent
Hardness (Shore A)	55±3
Density (g/cm ³)	1.2±0.1
Elongation at Break(%)	>400
Tensile strength (Mpa)	29
Tear Strength (KN/m)	>40
Continuous use Temp(°C)	-40-200°
Rebound Resilience(%)	>60
Life time (peristaltic pump)	>14Days
environmental protection class	ROHS、FDA、LFGB、NSF、Skin sensitization stimulation test, cytotoxicity

Silicone Hose for Peristaltic Pump - Size Specification

1. Small Flow Type Hose

Hose No.	0.13x0.86	0.5x0.86	0.86x0.86	1.52x0.86	2.06x0.86	2.4x0.86	2.79x0.86	3.17x0.86	1x1	2x1	3x1
Hose Section(1:1)											
Wall Thickness (mm)	0.86								1.0		
Inner Diameter (mm)	0.13	0.5	0.86	1.52	2.06	2.4	2.79	3.17	1.0	2.0	3.0
Hose pressure (MPa)	continuous	0.1									
		interval	0.1								

2. Industrial Type Hose

Hose No.	13"	14"	19"	16"	25"	17"	18"	15"	24"	35"	36"
Hose Section(1:1)											
Wall Thickness (mm)	1.6							2.4			
Inner Diameter (mm)	0.8	1.6	2.4	3.1	4.8	6.4	7.9	4.8	6.4	7.9	9.6



Hose pressure (MPa)	continuous	0.17	0.14	0.1	0.07	0.17	0.14
	interval	0.27	0.24	0.14	0.1	0.27	0.24

3. Industrial Type Hose:

Hose No.	73"	82"	86'	90"	88"	92"
Hose Section(1:1)						
Wall Thickness(mm)	3.3		6.3		4.8	
Inner Diameter(mm)	9.5	12.7	9.5	19	12.7	25.4
Hose pressure (MPa)	continuous	0.17	0.1	0.14		
	interval	0.27	0.1	0.14		

Remarks:

1. All data are common values, excluding customized dimensions.
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Galbino (Shanghai) Technology Co., Ltd
No. 1033, Changning Road, Changning District,
Shanghai, China.

Phone: 0086-13166139318

TEL: 0086-21-60715158

E-Mail: kevin.zhang@galbinotech.com

Whatsapp: 0086-13166139318

FAX: 0086-21-60715158

Web: www.machine-pharma.com