

Silicone Hoses

Standard / Vacuum



Types	Type			Main Material	Reinforcement	Material	
	Hose only	One End Swaged	Both Ends Swaged			Swage Fittings	
						Shape A, B	Shape C
Standard	HOSSW	HOSSWK	HOSSWR	Silicone Rubber	Polyester Yarn	Joint Nipples :SUS304 Fitting Cover : Aluminum	Joint Nipples :SUS316L Fitting Cover :SUS304
Vacuum	SNHT	SNHTK	SNHTR	Silicone Rubber	Polyester Yarn + SUS316 Coil	-	Joint Nipples :SUS316L Fitting Cover :SUS304

⚠ The products are lined with Green Color.

Hose

Hose Length

One End Swaged

Hose Length (Swage Fitting Included)

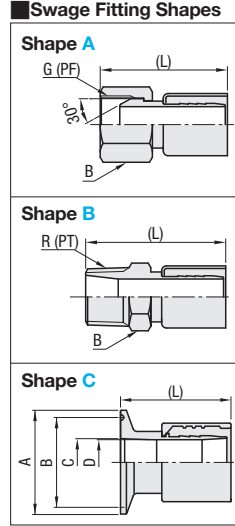
Both Ends Swaged

Hose Length (Swage Fitting Included)

Structure

HOSSW (Standard)

SNHT (Vacuum)



Hose Specifications

No.	HOSSW HOSSWK					
	I.D. (mm)	O.D. (mm)	Thickness (mm)	Min. Bending Radius (mm)	Operating Pressure (MPa)	Operating Temp. Range (°C)
6	6.3	12.3	3	80	0~1.0	-30~150
9	9.5	16	3.25	100	0~1.0	
12	12.7	19.5	3.4	130	0~0.5	
19	19.0	28	4.5	180	0~0.5	
1S	25.4	35.5	5.05	220	0~0.5	
1.5S	38.1	50.5	6.2	310	0~0.5	
2S	50.8	64.5	6.85	550	0~0.3	

No.	SNHT SNHTK					
	I.D. (mm)	O.D. (mm)	Thickness (mm)	Min. Bending Radius (mm)	Operating Pressure (MPa)	Operating Temperature Range (°C)
1S	25.4	35.5	5.05	180	-0.1~0.7	-30~150
1.5S	38.1	50.5	6.2	280	-0.1~0.7	
2S	50.8	64.5	6.85	390	-0.1~0.3	

Swage Fitting Shapes

Hose Nominal I.D.	R (PT) G (PF)	Shape A		Shape B	
		B (Wrench Flats)	(L)	B (Wrench Flats)	(L)
6	1/4	17	37	14	43
9	3/8	19	43	17	47
12	1/2	24	49	22	53
19	3/4	30	59	27	65

Hose Nominal I.D.	Shape C				
	A	B	C	D	(L)
1S	50.5	43.5	23	22	56
1.5S	50.5	43.5	35.7	34	73
2S	64	56.5	47.8	46	75

Part Number	Type	Hose Nominal I.D.	Hose Length 0.1m Increment	L Left End Swaged Shape	R Right End Swaged Shape	Unit Price		
						Hose Unit Price/m	Swaging Charge	
							One End Swaged	Both Ends Swaged
Standard Type HOSSW HOSSWK HOSSWR	(Hose only) (One End Swaged) (Both Ends Swaged)	6	0.3~20.0	LA	RA			
		9						
		12						
		19	0.3~10.0	LB	RB			
		1S						
		1.5S						
2S	0.6~5.0	LC	RC					
Vacuum SNHT SNHTK SNHTR	(Hose only) (One End Swaged) (Both Ends Swaged)	1S	0.6~5.0	LC	RC			
		1.5S						
		2S						

⚠ For One End Swaged, specify LA, LB, or LC.



Ordering Example

Part Number	-	Hose Length	-	Shape L	-	Shape R
HOSSW6	-	1.5	-		-	
HOSSWK1.5S	-	2.0	-	LC	-	
SNHTR2S	-	1.0	-	LC	-	RC

- Feature of HOSSW (Standard)**
- The spirally knitted pressure-resistant reinforcement wire prevents burst due to wire failure near couplings.
 - Semi-transparent wall enabling the transfer of materials to be observed.
 - Excellent in cold resistance and heat resistance.
 - Conforms to Food Sanitation Laws.
 - FDA compliant.

- Feature of SNHT (Vacuum)**
- Provides high level of deformation resistance to enable force-feed and vacuum.
 - Semi-transparent wall enabling the transfer of materials to be observed.
 - Excellent in cold resistance and heat resistance.
 - Conforms to Food Sanitation Laws.
 - FDA compliant.

- CAUTION**
- Avoid use with non-polar organic solvents (benzene, toluene, hexane etc.), halogenated hydrocarbon (methylene chloride, trichloroethane etc.), strongly acid condensed agent, strong alkali solution, mineral oil, steam (long-time use) or animal and vegetable oils over 70°C.
 - Cleanse inside the hose before using with drinking water or food.
 - For food plumbing, metal shape C is recommended for its safety in sanitary respect.
 - At steam cleansing, apply saturated steam at 0.2MPa or lower for a short time.
 - Do not soak hoses or fittings in drinking water, food or fluids. Fluid may remain behind the fitting and unwanted bacteria may adhere to it.