

# Flexible Hoses

## High Pressure / Medium Pressure



Type	Material			Applicable Fluids	Operating Temperature Range	Max. Operating Pressure
	Hose	Swage Fittings	Seal Areas			
<b>HOSLTR</b>	SUS304	SUS304	Silicone Rubber	Steam, Water, Oil, Air, Gas	-50~280°C (Steam: 150°C or less)	See Hose Specifications Table

⚠ Not applicable for air conditioner cooling medium, etc.  
 ⚠ Not applicable for trichloroethane (aromatic materials)  
 ⚠ Not applicable for fuel oils

**Swage Fitting Shapes**

**Shape A** **Shape B**

Hose Length

**Hose Dimensions**

Hose Nominal I.D.	I.D.	Min. Bending Radius (mm)	Max. Operating Pressure (MPa)
8A	7.0	25	6.4
10A	10.5	30	6.4
15A	13.2	35	4.4
20A	19.2	40	3.4
25A	25.5	50	3.4

**Swage Fittings Size List**

Hose Nominal I.D.	R (PT) G (PF)	Shape A		Shape B		
		X (Wrench Flats)	L	X (Wrench Flats)	Y (Wrench Flats)	L
8A	1/4	17	36	17	19	41
10A	3/8	19	38	19	22	43
15A	1/2	22	45	22	27	49
20A	3/4	30	64	30	36	68
25A	1	36	68	36	41	72

⚠ For gases, operating pressure is 1.5MPa or less.

Part Number	Hose Nominal I.D.	Hose Length 0.1m Increment	L Left End Swaged Shape	R Right End Swaged Shape	Hose I.D. (mm)	Unit Price
<b>HOSLTR</b>	8A	0.3~5.0	LA LB	RA RB	7.0	
	10A				10.5	
	15A				13.2	
	20A				19.2	
	25A				25.5	

**Application**

- Plumbing in places where ambient temperature is high (with vapor etc.).
- Absorbs variation in elongation of pipe due to temperature change.

**Features**

- Excellent in heat resistance and pressure resistance.

**CAUTION**

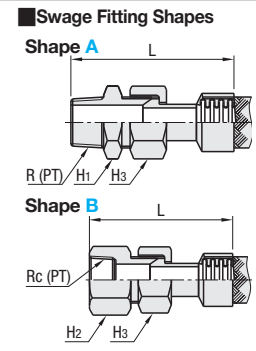
- Avoid use in places where hose is constantly moved.

⚠ Hose length includes the Swage Fittings.



Type	Material			Applicable Fluids	Operating Temperature Range	Max. Operating Pressure
	Hose	Metal Fitting Shape	Seal Areas			
<b>HOEMF</b>	SUS304			Steam, Air, Gas, Water, Oil	0~200°C	2.0MPa
<b>HOEMFG</b>	SUS304 + Glass Cloth + Hose Clamps (2 pcs.)	SUS304				

**<HOEMF>**
  
**<HOEMFG>**



**Hose Dimension Table**

Hose Nominal I.D.	I.D. (mm)	O.D. (mm)	Min. Bending Radius (mm)	Spring Constant (N/mm)	Max. Operating Pressure (MPa)
8A	7.2	12.1	25	1677.1	2.0
10A	10.5	16.3	35	2494.1	
15A	13	19.6	50	1894.1	
20A	19	26.9	65	3789.9	
25A	25.2	34	80	2550.1	

**Swage Fittings Size List**

Hose Nominal I.D.	R (PT) Rc (PT)	Shape A			Shape B		
		H1	H3	L	H2	H3	L
8A	1/4	14	17	44.5	17	17	61
10A	3/8	17	21	48.5	21	21	63
15A	1/2	22	26	58.0	26	26	73
20A	3/4	27	32	63.2	32	32	77
25A	1	35	38	72.0	38	38	90

**Part Number**

Type	Hose Nominal I.D.	Hose Length 0.1m Increment	L Left End Swaged Shape	R Right End Swaged Shape
<b>HOEMF</b> <b>HOEMFG</b> (Glass Cloth Protection)	8A	0.3~2.0	LA LB	RA RB
	10A			
	15A			
	20A			
	25A			

**Application**

- General purpose plumbing, such as control of pipe displacement.

**Features**

- Lightweight compared to High Pressure Type.
- Positive Metal Seat Type requires no maintenance.
- Gasketless design

**CAUTION**

- Tolerance of a hose length is 0 ~ 3% of the full length.

⚠ Hose length includes the Swage Fittings.

Ordering Example: Part Number - Hose Length - Shape L - Shape R  
**HOSLTR8A - 1.0 - LA - RB**

**Hose Unit Price**

Hose Nominal I.D.	HOEMF Unit Price		HOEMFG Unit Price	
	Unit Price	Hose Unit Price/0.1m	Unit Price	Hose Unit Price/0.1m
8A				
10A				
15A				
20A				
25A				

**Swaging Charge**

Hose Nominal I.D.	Additional Charge for Swaging		
	Metal Fitting Shape A-A	Metal Fitting Shape A-B	Metal Fitting Shape B-B
8A			
10A			
15A			
20A			
25A			