

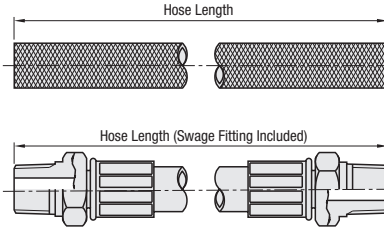
# Fluororesin Hoses

## High-Flex / Antistatic

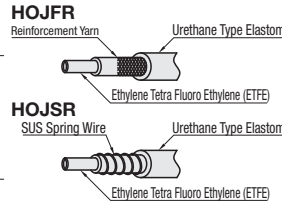
### Fluororesin Hoses High Flex



Type			Material			
Hose only	One End Swaged	Both Ends Swaged	Hose Interior	Reinforcement	Hose Exterior	Swage Fittings
HOJFR	HOJFRK	HOJFRR	Fluororesin	Polyester Yarn	Urethane Type Elastomer	SUS3A04
HOJSR	-	HOJSRR	Fluororesin	SUS Spring Wire	-	-

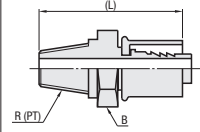


### Structure

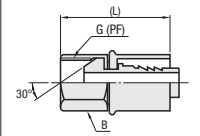


### Swage Fitting Shapes

#### Shape AS



#### Shape BS



### Hose Specifications

Hose Nominal I.D. (mm)	Hose I.D. (mm)	Hose O.D. (mm)	Reinforcement				Spring Type		
			Min. Bending Radius (mm)	Operating Pressure (MPa)		Min. Bending Radius (mm)	Operating Pressure (MPa)		
				20°C	70°C		20°C	70°C	
9	9	15	63	0~1.0	0~0.5	-	-	-	
12	12	18	84			50	-0.1~0.5	-0.1~0.25	
15	15	22	105			60			
19	19	26	133			75			
25	25	33	175	0~0.6	0~0.3	100	-0.1~0.4	-0.1~0.2	

### Swage Fittings Size List

Hose Nominal I.D.	R (PT) G (PF)	Shape AS		Shape BS	
		B (Wrench Flats)	(L)	B (Wrench Flats)	(L)
9	3/8	19	44	22	40
12	1/2	22	51	27	46
19	3/4	27	64	32	58
25	1	35	75	38	70

Part Number		Hose Length 0.1m Increment	L Left End Swaged Shape	R Right End Swaged Shape	Unit Price		
Type	Hose Nominal I.D.				Hose Unit Price/m	Swaging Charge	
					One End Swaged	Both Ends Swaged	
(Reinforcing Type)	9	0.3~20.0	LAS LBS	RAS RBS			
	12						
	15						
	19						
	25						
(Spring Type)	12	0.3~20.0	LAS LBS	RAS RBS			
	15						
	19						
	25						

### Features

- Being superior in flexibility, it improves operating efficiency.
- Features non-viscous property and easy to wash.
- Excellent in chemical resistance and transparency.
- Conforms to Food Sanitation Laws.

### Specifications

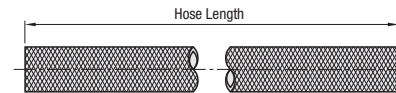
Applicable Fluids	Water, Air, Oil, Solvent, Powder
Operating Temperature Range	-20~70°C (No Freezing)
Max. Operating Pressure	See Hose Specifications Table

For One End Swaged, specify LAS and LBS. Swage fitting is not available for hose with I.D.15.

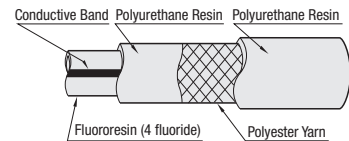
### Fluororesin Hoses Antistatic



Type		Material	
Hose only	Hose Interior	Reinforcement	Hose Exterior
HOEFR	Fluororesin (4 fluoride)	Polyester Yarn	Polyurethane Resin



### Structure



Part Number		Hose Length 0.1m Increment	Unit Price	
Type	Hose Nominal I.D.		Hose Unit Price/m	Swaging Charge
HOEFR	12	0.5~20.0		
	15			
	19			
	25			

### Hose Specifications

Hose Nominal I.D. (mm)	Hose I.D. (mm)	Hose O.D. (mm)	Reinforcement		
			Min. Bending Radius (mm)	Operating Pressure (MPa)	
				23°C	70°C
12	12	18	85	0~1.0	0~0.5
15	15	22	105		
19	19	26	135		
25	25	33	175	0~0.6	0~0.3

Ordering Example	Part Number	Hose Length	Shape L	Shape R
	HOJFRK19	5.0	LBS	
	HOJFRR9	2.0	LAS	RBS
	HOEFR12	10.0		

### Features

- Prevents trouble caused by electrostatic discharge.
- Conforms to Food Sanitation Laws.
- Smooth interior surface helps transfer of high viscosity fluids efficiently, and makes cleaning easy with little residual fluids.

### Specifications

Applicable Fluids	Water, Air, Oil, Solvent, Powder
Operating Temperature Range	-5~70°C (No Freezing)
Max. Operating Pressure	See Hose Specifications Table