

Fittings for Hoses

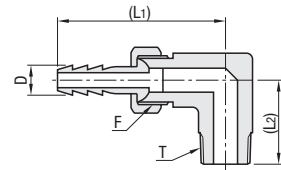
Single – Ended Hose Fitting Assembly / Elbow Nipples

Elbow Nipples



RoHS10

Type	Material
HOSJE	Brass

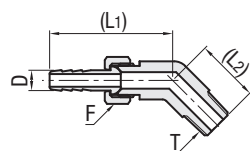


**Elbow 45° Hose Nipple/
Straight Male Pipe**



RoHS10

Type	Material
HOSJH	Brass

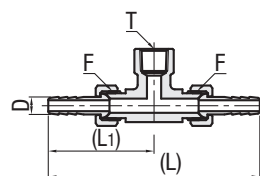


Female Pipe/Hose Nipples



RoHS10

Type	Material
HOSJT	Brass



Part Number		Applicable Hose Nominal I.D.	T R (PT)	F G (PF)	D	(L ₁)	(L ₂)
Type	No.						
HOSJE Brass	61	6	1/8	1/8	6.5	39	20
	82	8	1/4	1/4	8	48.5	25
	93	9	3/8	3/8	10.0	56	28
	124	12	1/2	1/2	14.0	72	34

Part Number Example **HOSJE61**

Specifications

Applicable Fluid	Water, Air, Oil
Operating Temperature Range	-20~150°C (No Freezing)
Normal Operating Pressure	3.5 MPa

Part Number		Applicable Hose Nominal I.D.	T R (PT)	F G (PF)	D	(L ₁)	(L ₂)
Type	No.						
HOSJH Brass	61	6	1/8	1/8	6.5	39	20
	82	8	1/4	1/4	8	48.5	25
	93	9	3/8	3/8	10.0	56	28
	124	12	1/2	1/2	14.0	72	34

Part Number		Applicable Hose Nominal I.D.	T R (PT)	F G (PF)	D	(L ₁)	(L ₂)
Type	No.						
HOSJT Brass	61	6	1/8	1/8	6.5	39	78
	82	8	1/4	1/4	8	48.5	97
	93	9	3/8	3/8	10.0	56	112
	124	12	1/2	1/2	14.0	72	144

Part Number Example **HOSJE61**

Specifications

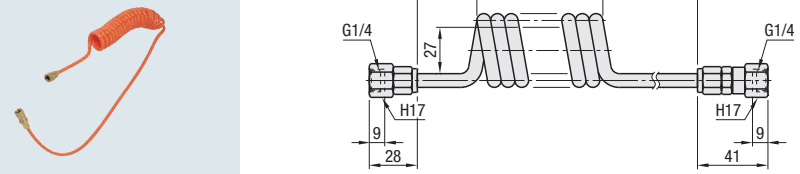
Applicable Fluid	Water, Air, Oil
Operating Temperature Range	-20~150°C (No Freezing)
Normal Operating Pressure	3.5 MPa

Spiral Tubes / Air Tubes

Standard / Sliding / High-Flex Type

Spiral Tubes

HOSPH



Material: Polyurethane

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Features

- Excellent in flexibility.
- Excellent in mechanical strength, especially in abrasion resistance

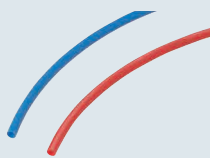
Part Number		Tube Extension Length (mm)	I.D. (mm)	O.D. (mm)	A	B ₁	B ₂	Min. Bending Radius	Outer Diameter Precision	Mass (g)
Type	Hose Nominal I.D.									
HOSPH	8	800	5	8	180	100	500	14	±0.1	200
		1800	5	8	400	100	500			300
		3000	5	8	630	100	500			405
	10	800	6.5	10	185	100	500	16	±0.1	490
		1800	6.5	10	400	100	500			285
		3700	6.5	10	800	100	500			425
										690

Part Number Example **HOSPH8 - 3000**

Specifications

Applicable Fluid	Air
Operating Temperature Range	-40~80°C
Normal Operating Pressure	1.1 MPa

Air Tubes – Standard Type



Material: Polyurethane

RoHS10

Part Number		Tube Length (m) Selection	Tube Color	I.D. (mm)	O.D. (mm)	Thickness (mm)	Min. Bending Radius (mm)	Operating Pressure (MPa)	Operating Temperature Range
Type	Tube Nominal I.D.								
EHOS	6	10	Not Specified (Red) BL (Blue)	6.5	10	1.75	40	0~1.5	-20~60°C
		20							
	9	10		8.5	12.5	2	55		
		20							

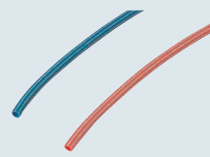
Features

- Hose weight is very light.
- Excellent in cold resistance and oil resistance.

Specifications

Applicable Fluid	Air
Operating Temperature Range	-20~60°C
Normal Operating Pressure	1.5 MPa

Air Tubes – Sliding Type



Material: Special Polyurethane

RoHS10

Part Number		Tube Length (m) Selection	Tube Color	I.D. (mm)	O.D. (mm)	Thickness (mm)	Min. Bending Radius (mm)	Operating Pressure (MPa)	Operating Temperature Range
Type	Tube Nominal I.D.								
ERHOS	6	10	Not Specified (Red) BL (Blue)	6.3	10	1.85	40	0~1.5	-20~60°C
		20							
	9	10		8.3	12.5	2.1	40		
		20							


Features

- Enhances sliding of hose and facilitates movement and operation.
- Soft and flexible hose leads to less burden on wrist and arm.
- Lithe hose causes less leaping and secures safety at foot.

Specifications

Applicable Fluid	Air
Operating Temperature Range	-20~60°C
Normal Operating Pressure	1.5 MPa

Air Tubes – High-Flex Type



Material: PVC

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Part Number		Tube Length (m) Selection	I.D. (mm)	O.D. (mm)	Thickness (mm)	Min. Bending Radius (mm)	Operating Pressure (MPa)	Operating Temperature Range
Type	Tube Nominal I.D.							
AHOS	6	10	6.5	13	3.25	30	0~1.0	-5~60°C
		20						
	9	10	8	15	3.5	35		
		20						

Features

- Soft type is easy to insert into metal fittings such as hose nipples.
- Band tightening with high air tightness prevents leakage of air.
- No sticking of oil. No swelling often seen in rubber hoses.

Specifications

Applicable Fluid	Air
Operating Temperature Range	-5~60°C
Normal Operating Pressure	1.0 MPa

Part Number Example **EHOS6 - 10 - BL**