

Plastic Hoses for Ordinary Purposes / Flexible Tubes

Coiled Hoses / Air Hoses

Plastic Hoses for Ordinary Purposes
Oil-Resistant

HOTRS
HOTRSL

RoHS 10

Construction Diagram

Part Number	Hose Length		I.D. (mm)	O.D. (mm)	Operating Temp. Range (°C)	Operating Pressure (MPa)	Min. Bending Radius (mm)	Mass kg/m	Fixed Length	Configurable Length
	Type	Hose Nominal I.D.							Fixed (m)	Configurable (0.1mm Increment)
HOTRS (Fixed Length)	9	50	9	15	-5~60	0~1.0	45	0.15		
		100								
HOTRSL (Configurable Length)	12	50	12	18	-5~60	0~0.8	60	0.19		
		100								
HOTRSL (Configurable Length)	15	50	15	22	-5~60	0~0.8	90	0.27		
		100								
		19								
		25								

For orders larger than indicated quantity, please check with WOS.

Plastic Hoses for Ordinary Purposes
High Strength

HOTG
HOTGL

Construction Diagram

Part Number	Hose Length		I.D. (mm)	O.D. (mm)	Operating Temp. Range (°C)	Operating Pressure (MPa)	Min. Bending Radius (mm)	Mass kg/m	Fixed Length	Configurable Length
	Type	Hose Nominal I.D.							Fixed (m)	Configurable (0.1mm Increment)
HOTG (Fixed Length)	9	50	9	15	-5~60	-0.1~0.8	40	0.14		
		100								
HOTGL (Configurable Length)	12	50	12	18	-5~60	-0.1~0.5	50	0.185		
		100								
HOTGL (Configurable Length)	15	50	15	22	-5~60	-0.1~0.4	60	0.25		
		100								
		19								
		25								

For orders larger than indicated quantity, please check with WOS.

Plastic Hoses for Ordinary Purposes
High Pressure

HOTSG
HOTSGL

RoHS 10

Construction Diagram

Part Number	Hose Length		I.D. (mm)	O.D. (mm)	Operating Temp. Range (°C)	Operating Pressure (MPa)	Min. Bending Radius (mm)	Mass kg/m	Fixed Length	Configurable Length
	Type	Hose Nominal I.D.							Fixed (m)	Configurable (0.1mm Increment)
HOTSG (Fixed Length)	9	50	9	15	-5~60	0~1.5	45	0.15		
		100								
HOTSGL (Configurable Length)	12	50	12	18	-5~60	0~1.5	55	0.19		
		100								
HOTSGL (Configurable Length)	15	50	15	22	-5~60	0~1.0	80	0.27		
		100								
		19								
		25								

For orders larger than indicated quantity, please check with WOS.

Ordering Example

Part Number - Hose Length

HOTRSL19 - 45.9

Flexible Tubes

HOFBL

Applicable Fluids: Water, Warm Water Max. Operating Temp.: 80°C Material: EN 1.4301 Equiv. Accessory: MBR Gasket

Part Number	Type	Nominal Dia.	L 5mm Increment	Wrench Flats H1	Wrench Flats H2	(B)	R (PT)	Tube I.D. (Reference Value)	Min. Bending Radius (mm)	Max. Operating Pressure (MPa)	Unit Price			
											L105-200	L205-300	L305-400	L405-500
HOFBL		4	105~500	24	22	35	1/2	12	40	1.75				
		6	115~500	30	27	42	3/4	15	60					

For Nominal Dia., L dimension is 115 ~.

Ordering Example

Part Number - L

HOFBL4 - 150

Coiled Hoses

RoHS 10

HOSPH

Material: Polyurethane

Features

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

Specifications

Applicable Fluids	Air
Operating Temperature Range	-40~80°C
Max. Operating Pressure	1.1MPa

Part Number	Type	Hose Nominal I.D.	Hose Extension Length (mm)	I.D. (mm)	O.D. (mm)	A	B1	B2	Min. Bending Radius (mm)	O.D. Accuracy	Mass (g)	HOSPH	
												Unit Price 1 pc.	Volume Discount Rate 2~5
HOSPH	8	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	
			3700	5	8	800	100	500				490	
			800	6.5	10	185	100	500				285	
			1800	6.5	10	400	100	500				425	
HOSPH	10	10	800	6.5	10	800	100	500	16	±0.1	690		
			1800	6.5	10	400	100	500					
			3700	6.5	10	800	100	500					

Ordering Example

Part Number - Hose Length

HOSP8 - 3000

Air Hoses Standard

RoHS 10

Material: Polyurethane

Part Number	Type	Hose Nominal I.D.	Hose Length (m) Selection	Hose Color	I.D. (mm)	O.D. (mm)	Thickness (mm)	Min. Bending Radius (mm)	Operating Pressure (MPa)	Operating Temp. Range (°C)	Unit Price	Volume Discount Rate
											1~4 pc(s).	5~10
EHOS		6	10	Not specified (Red) BL (Blue)	6.5	10	1.75	40	0~1.5	-20~60°C		
			20									
			10									
			20									
EHOS		9	10	8.5	12.5	2	55	0~1.5	-20~60°C			
			20									

Features

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

Specifications

Applicable Fluids	Air
Operating Temperature Range	-20~60°C
Max. Operating Pressure	1.5MPa

Air Hoses Sliding

RoHS 10

Material: Special Polyurethane

Part Number	Type	Hose Nominal I.D.	Hose Length (m) Selection	Hose Color	I.D. (mm)	O.D. (mm)	Thickness (mm)	Min. Bending Radius (mm)	Operating Pressure (MPa)	Operating Temp. Range (°C)	Unit Price	Volume Discount Rate
											1~4 pc(s).	5~10
ERHOS		6	10	Not specified (Red) BL (Blue)	6.3	10	1.85	40	0~1.5	-20~60°C		
			20									
			10									
			20									
ERHOS		9	10	8.3	12.5	2.1	40	0~1.5	-20~60°C			
			20									

Features

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

Specifications

Applicable Fluids	Air
Operating Temperature Range	-20~60°C
Max. Operating Pressure	1.5MPa

Air Hoses High-Flex

RoHS 10

Material: PVC

Part Number	Type	Hose Nominal I.D.	Hose Length (m) Selection	I.D. (mm)	O.D. (mm)	Thickness (mm)	Min. Bending Radius (mm)	Operating Pressure (MPa)	Operating Temp. Range (°C)	Unit Price	Volume Discount Rate
										1~4 pc(s).	5~10
AHOS		6	10	6.5	13	3.25	30	0~1.0	-5~60°C		
			20								
			10								
			20								
AHOS		9	10	8	15	3.5	35	0~1.0	-5~60°C		
			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 Fluids	Air
Operating Temperature Range	-5~60°C
Max. Operating Pressure	1.0MPa

Ordering Example

Part Number - Hose Length - Hose Color

EHOS6 - 10 - BL