

Resin Hoses

For General Purposes

Resin Hoses for General Purposes – Standard Type
HOTR
HOTRL

RoHS10

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				
	Type	Hose Nominal I.D.	Fixed (m)							Configurable (0.1 mm Increment)			
HOTR Fixed Length	9	50	0.5–49.9	9	15	-5–60	0–1.0	45	0.15				
		100											
HOTR Fixed Length	12	50		12	18		0–0.8	55	0.19				
		100											
HOTRL Configurable Length	15	50		15	22		0–0.6	80	0.27				
		100											
		19								19	26	95	0.32
		25											

Resin Hoses for General Purposes – Oil-proof Type
HOTRS
HOTRSL

RoHS10

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				
	Type	Hose Nominal I.D.	Fixed (m)							Configurable (0.1 mm Increment)			
HOTRS Fixed Length	9	50	0.5–49.9	9	15	-5–60	0–1.0	45	0.15				
		100											
HOTRS Fixed Length	12	50		12	18		0–0.8	60	0.19				
		100											
HOTRSL Configurable Length	15	50		15	22		0–0.6	90	0.27				
		100											
		19								19	26	130	0.32
		25											

Resin Hoses for General Purposes – High Strength
HOTG
HOTGL

RoHS10

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				
	Type	Hose Nominal I.D.	Fixed (m)							Configurable (0.1 mm Increment)			
HOTG Fixed Length	9	50	0.5–49.9	9	15	-5–60	-0.1–0.8	40	0.14				
		100											
HOTG Fixed Length	12	50		12	18		-0.1–0.5	50	0.185				
		100											
HOTGL Configurable Length	15	50		15	22		-0.1–0.4	60	0.25				
		100											
		19								19	26	80	0.34
		25											

Ⓢ HOTG15-100 has been discontinued.

Resin Hoses for General Purposes – Withstanding Pressure Type
HOTSG
HOTSGL

RoHS10

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				
	Type	Hose Nominal I.D.	Fixed (m)							Configurable (0.1 mm Increment)			
HOTSG Fixed Length	9	50	0.5–49.9	9	15	-5–60	0~1.5	45	0.15				
		100											
HOTSG Fixed Length	12	50		12	18		0~1.0	55	0.19				
		100											
HOTSGL Configurable Length	15	50		15	22		0~1.0	80	0.27				
		100											
		19								19	26	95	0.32
		25											

Part Number Example	Part Number	-	Hose Length
	HOTR9	-	100
	HOTRSL19	-	45.9

Fittings For General Purpose Hoses

Plastic Hose Mounting Connectors

RoHS10

TCSM

Material

Type	Material							Applicable Hose
	Nipple	Inner	Rubber Cap	Washer	Swaging Sleeve Nut	Rubber Gasket	Sleeve, Ring	
TCSM	CF-8 Stainless Steel Cast	—	—	—	CF-8 Stainless Steel Cast	NBR Nitrile Rubber	POM Polyoxymethylene	HOTR_ , HOTRS_ , HOTSG_ , HOTG_

Part Number	Type	No.	L	Hex/Octagon Socket B	V	(F)	G	R (PT)	Applicable Hose
		9	54.5	30	7	33	—	3/8	HOTR_ , HOTRS_ , HOTSG_ , HOTG_
		12	59	32	10	35.5		1/2	
		15	60	36	12	40		1/2	
		19	64	41	16.5	45		3/4	
		25	70	50	22	54		1	

Ⓢ Operating Pressure is the same as for Applicable Hoses.

Part Number Example	Part Number
	TCSM25