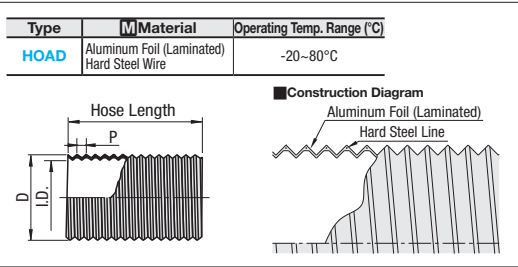


Aluminum Duct Hoses / Heat Resistant Duct Hoses



Features

- Flexible and elastic, can be stored compactly.
- It can be shortened to 1/5 of its original length. Stored compact for space-saving.

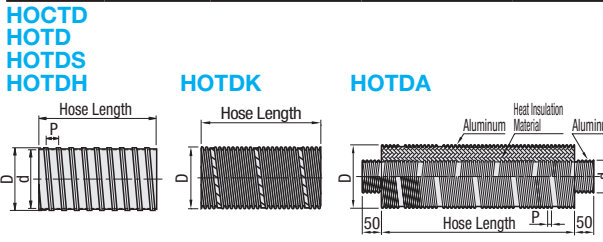
Part Number Type	Nominal Dia.	Hose Length 0.1m Increment	Hose I.D. (Reference) (mm)	D	P	Allowable Pressure Range (MPa)(kg/cm ²)	Allowable Decompression (Ambient Temp.) (kPa) (mmHg)	Allowable Bending Radius (mm)	Reference Mass g/m	Unit Price Hose Unit Price/m
HOAD	38	0.5~5	39	45.0	10.8	0~0.02 {0~0.2}	-33 (-248)	30	130	
	50		50	55.3	10.8			35	168	
	65		64	70.3	10.8			45	205	
	75		75	80.3	10.8	0~0.01 {0~0.1}	-26.5 (-199) -16.5 (-124) -13.0 (-98) -10.0 (-75)	55	244	
	100		98	105.3	10.8			70	312	
	117		113	119.3	10.8			75	375	
	125		125	130.3	10.8			90	390	
150	150	155.7	10.8	105	606					

* Hose length refers to the length with the hose extended.

Ordering Example: Part Number - Hose Length
HOAD50 - 3.2



Type	Application	Material		Operating Temp. Range (°C)
		Main Body	Others	
HOCTD	Low Dust Generation Type	Aluminum Polyester Cloth	Reinforcement Spiral: Zinc Plating	-20~130°C
HOTD	Heat-Resistant Type	Special Coating Glass Cloth	Reinforcement Spiral: SUS304	-20~250°C
HOTDS	Heat-Resistant Type	Aluminum Glass Cloth	Reinforcement Spiral: SPCC (Zinc Plating)	-20~180°C
HOTDH	Heat-Resistant Type	SUS304	Reinforcement Spiral: SUS304	30~450°C
HOTDK	Heat-Resistant Type	SUS304	Reinforcement Spiral: SUS304	~600°C
HOTDA	Heat-Resistant - Heat Retention Type	Aluminum	Reinforcement Spiral: Glass Fiber	-30~200°C



Application of HOTDS (for Fixed Plumbing)

Elastic, and can be fixed at any angle or in any direction. (Do not stretch/release the hose repeatedly.) Aluminum Glass Cloth Sheets are highly flame-resistant. (Flame Retardant Class 1-certificated) Hoses have no tightness.

Application of HOTD (for Non-Fixed Plumbing)

Flexible and easy to store and transport. Special Coating Glass Cloths used for the products are highly elastic and flame resistant. (Flame Retardant Class 1-certificated) Hoses have no tightness.

Application of HOTDH (for Fixed Plumbing)

Though designed for fixed plumbing, it can form curved portions. (Do not stretch/release the hose repeatedly.) Hoses have no tightness.

Application of HOTDA (for Fixed Plumbing)

Requires no heat retention after installation, and thus, shortens work period.

Part Number Type	No.	Hose Length 0.1m Increment	Hose I.D. (Reference) (mm)	D	P	Allowable Pressure Range (MPa)	Allowable Decompression (Ambient Temp.) (kPa)	Reference Mass (g/m)	Allowable Bending Radius (mm)	Unit Price Hose Unit Price/m
HOCTD (Low Dust Generation Type)	50	0.5~5	51	54.5	20	0~0.007	-8.5	370	120	
	75		76	80	20		-7	530	160	
	100		102.5	106	23		-6.5	640	210	
	125		127.5	131	23		-6.5	770	250	
	150		152	155	23		-6	945	300	
HOTD (Heat Resistant Temperature 250°C Type)	50	0.5~5	51	54.5	20	0~0.007	-8.5	360	110	
	65		67	71.5	20		-8	480	140	
	75		76	80	20		-7	525	160	
	90		91	94.5	23		-6.5	545	190	
	100		102.5	106	23		-6.5	635	210	
HOTDS (Heat Resistant Temperature 180°C Type)	50	0.5~5	51	54.5	20	0~0.007	-8.5	405	110	
	50		52.5	56	20		-10.5	365	170	
	65		67	71.5	20		-10	460	210	
	75		76	80	20		-10	525	240	
	90		91.5	95	23		-9	570	290	
HOTDH (Heat Resistant Temperature 450°C Type)	50	0.5~2	51	54.5	20	0~0.007	-8	635	320	
	65		67	71.5	20		-10.5	220	75	
	75		76	80	20		-27	280	98	
	90		91.5	95	23		-27	320	113	
	100		102.5	106	23		-27	340	120	
HOTDK (Heat Resistant Temperature 600°C Type)	50	0.5~4	51.2	56.8	-	0~0.027	-27	420	200	
	65		66.2	71.8	-		-27	280	98	
	75		76.2	81.8	-		-27	320	113	
	80		81.2	86.8	-		-27	340	120	
	100		101.7	107.3	-		-27	420	200	
HOTDA (Heat Insulating Layer Coated Type)	50	0.5~2	50.9	107	4.1	0.009	-9	470	200	
	75		75.9	132	4.1	0.007	-7.2	590	300	
	100		101.4	157	4.1	0.006	-6	720	400	

* Hose length refers to the length when the hose is stretched without tensile load. (The allowable pressure is the maximum design pressure. The allowable reduction pressure is the maximum negative pressure that can be applied to the hose under ambient temperature. Above range is for Hose Body only. Use data as reference.)

* Use two hose clamps for each installation location to secure the hose.

Ordering Example: Part Number - Hose Length
HOTDK50 - 3.2

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