

Hose Bands

Standard / Safety Lock Type

Hose Bands – Standard Type

HOSBS

Material: 304 Stainless Steel

Part Number	Type	No.	Tightening Range (mm)	L	E	T	Tightening Torque (N-m)													
								9N	13N	16N	19N	22N	25N	28N	31N	38N	44N	50N	60N	70N

Part Number Example: **HOSBS13N**

Hose Bands – Safety Lock Type

HOABS
(Cap Type)

Material: 304 Stainless Steel

Part Number	Type	No.	Tightening Range (mm)	L	T	E	Tightening Torque (N-m)						
								8	10	11	13	16	18

Part Number Example: **HOABS13**

Hose Bands – Spiral Type

HOSSB

Material: 304 Stainless Steel

Part Number	Type	No.	Hose O.D. Tightening Range (mm)	L	E	Tightening Torque (N-m)

Part Number Example: **HOSSB30**

Hose Bands – Hand Tightening Type

HOSBH

Material: Low Carbon Steel
Surface Treatment: Trivalent Chromate

Part Number	Type	No.	Hose O.D. Tightening Range (mm)	L	E	T

Part Number Example: **HOSBH18**

Duct Hoses

Overview

Type	HOSEE / HOSEE	HOSKK	HOSSD / HOSSD	HOSHD / HOSHD
	Lightweight Type (P.3400)	Swivel Type (P.3400)	Flexible Type (P.3400)	Friction Resistant, Antistatic Duct Hoses (P.3401)
Fluid / Application	Blast and Exhaust - For blast and exhaust of air, wooden powder, dust, etc.	Spot Cooler - For air (spot cooler / supply of air-conditioner)	Blast and Exhaust - Blast and exhaust of warm air - Air Conditioning, Ventilation - Exhaust emission of equipments	Powder and grains - Carriage of particles, iron powder, paper trash, wood particles - Heat-resistant Hot Air Heaters
Material	Flexible or Hard PVC	PP	Polypropylene, Reinforcement: Hard Steel Wire	Polypropylene, Reinforcement: Synthetic Rubber (EPDM Synthetic Rubber)
Operating Temperature Range	-10~50°C	—	-20~80°C	-30~80°C
Allowable Pres. Range	Below Ambient Temp. 0~0.06 MPa Above Ambient Temp. 0~0.03 MPa	0~0.001 MPa 0~0.0005 MPa	0~0.002 MPa 0~0.002 MPa	0~0.03 MPa 0~0.01 MPa
Features	- Being excellent in flexibility and lightweight property, it improves operating efficiency. - Easy to cut and mount.	- Capable of being bent or flexed as desired and keeping its bent state. - Diameter can be varied by twisting the opening. - Can be cut with a utility knife.	- Highly flexible and can be fixed at desired angles and positions. - It can be shortened to 1/3~1/4 of the original length.	- Resistant to cold, heat and abrasion. - Excels in antistatic property. - Reduces generation of ozone crack (deformity).

Type	HOSDY / HOSDY	HOSCD / HOSCD	HOSCE / HOSCE	HOAD
	Oil-Proof Type (P.3402)	Translucent Type (P.3402)	Antistatic Translucent Type (P.3402)	Aluminum Type (P.3404)
Fluid / Application	Suction and Exhaust - Suction of exhaust emission of oil mist - Collection of oil mist such as lathes and milling machines	Blast and Exhaust - Blast and exhaust of systems & equipments - Blast and exhaust emission of food processing evaporator systems - Blast and exhaust emission in environments where dust must be avoided. - Clean room air supply and exhausts	Blast and Exhaust - Blast and exhaust of systems & equipments - Blast and exhaust emission of food processing evaporator systems - Blast and exhaust emission in environments where dust must be avoided. - Clean room air supply and exhausts	Air Conditioning, Ventilation - Exhaust Duct for Ventilation Fan
Material	Oil Resistance Hard, Flexible PVC	Polypropylene, Olefin Type Elastomer	Polypropylene, Olefin Type Elastomer	Aluminum Foil (Laminated) Reinforcement: Hard Steel Wire
Operating Temperature Range	-10~50°C	-20~50°C	-20~50°C	-20~80°C
Allowable Pres. Range	Below Ambient Temp. 0~0.04 MPa Above Ambient Temp. 0~0.02 MPa	0~0.04 MPa 0~0.02 MPa	0~0.04 MPa 0~0.02 MPa	0~0.02 MPa 0~0.02 MPa
Features	- Excellent in oil resistance. - Lightweight and Excellent in heat resistance. - High efficiency due to low interior resistance contributes to energy savings.	- Being very excellent in lightweight property, flexibility and bend performance, it improves operating efficiency. - The hose is semi-translucent so transported materials can be observed. Compliant to Health, Labor and Welfare Ministry Notification No.201 Food Sanitation Laws.	- Not only it is semi-translucent, it features antistatic effect. Compliant to Health, Labor and Welfare Ministry Notification No.201 Food Sanitation Laws.	- Being superior in flexibility and bending property, it can be laid in a narrow space. - It can be shortened to 1/5 of the original length.

Type	HOCTD	HOTD	HOTDS	HOTDH
	Low Dust Raise (P.3737)	Heat-Resistant Free Alignment (P.3737)	Heat Resistant Temperature 180°C (P.3737)	Heat-Resistant Fixed Alignment (P.3737)
Fluid / Application	Air Conditioning, Ventilation - For air supply and exhausts such as clean rooms where low particulate generation is required. Pumping and exhausting of hot air. - Intake and exhaust for warm air generators.	Air Conditioning, Ventilation - Hot air generator / circulator unit, spark collection ducts for grinders and welders.	Air Conditioning, Ventilation - Supply and exhaust of hot air, air conditioning and ventilation	Air Conditioning, Ventilation - Hot air, acid and alkali containing gases (normal temperature)
Material	Aluminum Polyester Cloth Reinforcement Core: Zinc Plating Steel Plate	Special Coating Glass Reinforcement Core: 304 Stainless Steel	Aluminum / Aluminum Glass Cloth Reinforcement Core: Low Carbon Steel (Zinc Plating)	304 Stainless Steel Reinforcement Core: 304 Stainless Steel
Operating Temperature Range	-20~130°C	-20~250°C	-20~180°C	30~450°C
Allowable Pres. Range	0~0.007 MPa 0~0.007 MPa	0~0.007 MPa 0~0.007 MPa	0~0.007 MPa 0~0.007 MPa	0~0.007 MPa 0~0.007 MPa
Features	- Special laminated film is adopted to reduce generation of dust caused by friction on the surface. - Flexible and easy to store and transport.	- Highly flexible. - Highly elastic and flame resistant.	- 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.	- Excellent in heat resistance. - Corrosion resistant material that endures gases containing acid, alkali and solvents. - Though designed for fixed plumbing, it can form curved portions.

Type	HOTDK	HOTDA
	High Heat-Resistant Alignment Type (P.3737)	Heat-Resistant Duct Hoses – Heat Insulating Layer Coated Type (P.3737)
Fluid / Application	Air Conditioning, Ventilation - Supply and exhaust of hot air, air-conditioning and ventilation	Air Conditioning, Ventilation - Supply and exhaust of hot air, air conditioning and ventilation
Material	304 Stainless Steel Reinforcement Core: 304 Stainless Steel	Aluminum Heat Insulating Layer: Glass Fiber
Operating Temperature Range	-40~600°C	-30~200°C
Allowable Pres. Range	0~0.027 MPa 0~0.027 MPa	0.006~0.009 MPa (Depends on size.) 0.006~0.009 MPa (Depends on size.)
Features	- Excellent in flame and heat resistance.	- Requires no additional heat insulation after installation. Saves construction time.