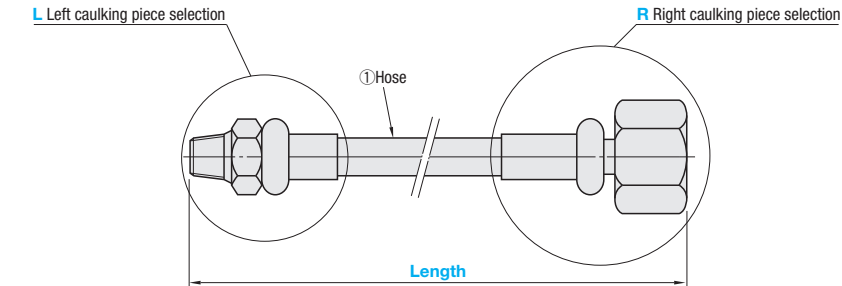


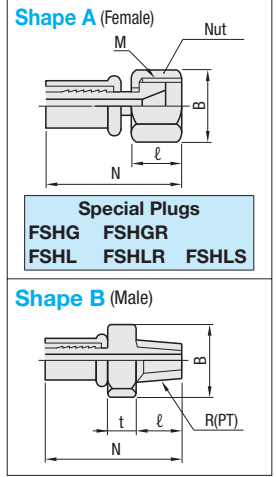
KGHA (Heat resistance 120°C: For Water/Oil)
WHSG (Heat resistance 150°C: For Water)



Type	Internal rubber	Outside rubber	Reinforcing wire
KGHA (Heat resistance 120°C: For Water and Oil)	Heat and oil-resistant NBR blended rubber	Heat and weather-resistant CR blended rubber	Synthetic fibers
WHSG (Heat resistance 150°C: For Water)	Silicon rubber	Silicon rubber	High-tension polyester cord

② Caulking piece C3604

② Profile of caulking piece



Part Number Type	No.	Length 50mm increments	L Left caulking	R Right caulking
KGHA (Heat resistance 120°C: For Water/Oil)	1	200~3000	LA (Female) LB (Male)	RA (Female) RB (Male)
WHSG (Heat resistance 150°C: For Water)	2			
	3			

Use a high-temperature dedicated plug (FSHG, FSHGR, FSHL, FSHLR, FSHLS) P.1114 for the plug connected to an A-shaped caulking piece.

Specifications of hose Dimensions of caulking piece

Part Number Type	No.	Internal dia. (mm)	External dia. (mm)	Minimum bending radius (mm)	Allowable temperature range	Maximum allowable pressure
KGHA (Heat resistance 120°C: For Water/Oil)	1	6.3	(13)	80	-30~120°C	1.5MPa
	2	6.3	(13)	80		
	3	9.5	(16.5)	100		
WHSG (Heat resistance 150°C: For Water)	1	6.3	(12.3)	80	-30~150°C	1.0MPa
	2	6.3	(12.3)	80		
	3	9.5	(16)	100		

Caulking piece dimension

No.	Shape A				Shape B				
	N	ℓ	B(side to side)	M	N	ℓ	t	B(side to side)	R(PT)
1	38	16	16	M12×1.25	35	8.5	5.2	12	1/8
2	43	19	21	M16×1.5	38	9.5	7	14	1/4
3	48	19	24	M20×1.5	43	10.5	7	17	3/8

Order Part Number — Length — Shape L — Shape R
KGHA2 — 900 — LA — RA

Price **Quantity discount rate** P.45

Quantity Rate	1~9	10~19
Rate	—	5%

To be quoted on price & lead time above Max. Q'ty.

Days to Ship 3 Days
 Delivery days depend on subsidiary. P.45

- #### Precautions for use
- Use a high-temperature dedicated plug (FSHG, FSHGR, FSHL, FSHLR, FSHLS) P.1114 for the plug connected to an A-shaped caulking piece.
 - Do not use with any other than a plastic mold.
 - The hose expands and contracts when the pressure is increased and reduced, so make the hose a little longer.
 - Use the hose within the maximum allowable pressure and also within the allowable temperature range.
 - Do not use the hose bent to less than the minimum allowable bending radius, and do not bend it continuously.
 - Do not allow the hose to come into contact with a heat source for heating the mold, such as a heater.
 - Periodically inspect and replace the hose. Replace the hose if it is cracked, has hardened or is externally damaged.
 - Rubber hose is vulnerable to damage, especially WHSG (heat resistance 150°C for water), so handle with care.

Rubber Hose for High-Temperature Water KGH (Rubber Hose for High-Temperature Water)

Applicable for liquid-water

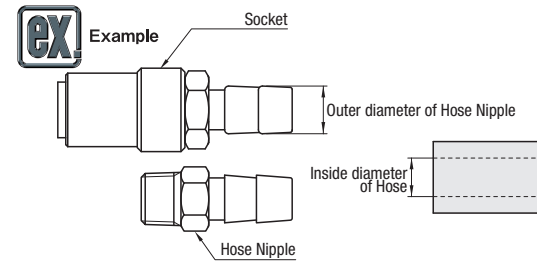
M	Internal/Outside rubber	Reinforcing wire
	Heat resistant synthetic rubber (EPDM)	Aramid fiber

D	d	Part Number Type No.	L (unit: m)	U/Price 1~9					
				L1	L2	L5	L10	L20	L30
18	9.7	KGH 3	1 2 5 10 20 30	Quotation					

Maximum allowable pressure MPa (kgf/cm ²)	Allowable temperature range °C	Minimum bending radius mm	Mass kg/m
1.0(10.2)	-30~120	120	0.23

- To be quoted on price & lead time above Max. Q'ty.
- Check the size of the outer diameter of the hose nipple on usage. Although the inside diameter (d) of the hose is 9.7, applicable for hose nipple of outside diameter of between 9.7 and 12mm.

- #### Notes
- When installing the hose nipple, fix it with a hose band (MHBS).
 - This product is for warm water use. NEVER use it with oil. Also, do not use these hoses in an environment where they are likely to come into contact with oil.
 - Inspect the hoses periodically, and if they show signs of cracking, hardening or other changes, replace them.
 - The hoses expand or contract depending upon whether they are pressurized or depressurized, so allow a certain margin of length.



Order Part Number — L
KGH3 — 10

Days to Ship 3 Days
 Delivery days depend on subsidiary. P.45

Hot-Water Hose MHW (Hot-Water Hose)

Applicable for liquid-water

Soft vinyl chloride

D	d	Part Number Type No.	L (unit: m)	U/Price 1~9		
				L10	L20	L50
13.5	8	MHW	10 20 50	Quotation		
18	12					
22	15					

Part Number	Specifications			Allowable Temperature Range
	Allowable Pressure kPa (kgf/cm ²)	Destructive pressure kPa (kgf/cm ²)	Min. bend radius (room temp.)	
MHW1	0~1000(0~10)	5500(55)	56	0~60°C
MHW2	0~800(0~8)	4000(40)	84	
MHW3	0~800(0~8)	6000(60)	105	

Order Part Number — L
MHW2 — 10

Days to Ship 3 Days
 Delivery days depend on subsidiary. P.45

Express T Express A P.46

Price **Quantity discount rate** P.45

Quantity Rate	1~9	10~19	20~49	50~100
Rate	—	5%	10%	15%

To be quoted on price & lead time above Max. Q'ty.

Hose Band MHBT

SUS430 Safety cap: PE Bolt: SWCH10K

External hose (mm) Diameter	Max. tightening torque N · cm {kgf · cm}	Part Number Type No.	U/Price 1~9
φ 13~20	350(35)	MHBT	1 2 Quotation
φ 18~25			

Order Part Number — Days to Ship
MHBT1 1 Day
 Delivery days depend on subsidiary. P.45

Price **Quantity discount rate** P.45

Quantity Rate	1~9	10~19	20~49	50~100
Rate	—	5%	10%	15%

To be quoted on price & lead time above Max. Q'ty.

Features MHBT has a safety cap and you are free from concerns to hurt yourself.