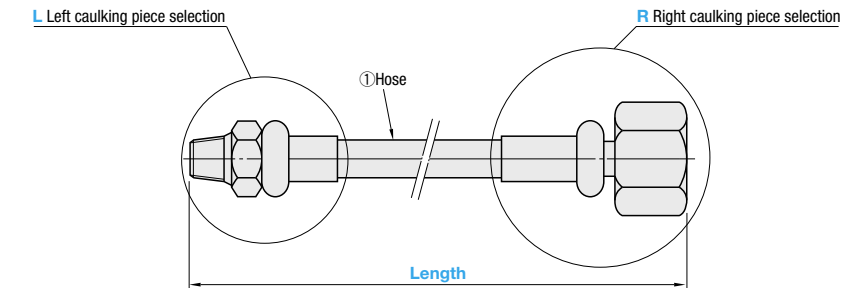




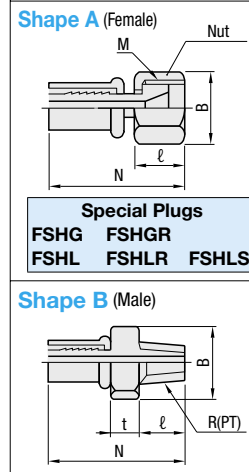
KGHA (Heat resistance 120°C: For Water/Oil)
WHSG (Heat resistance 150°C: For Water)



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 caulkings



Special Plugs
FSHG FSHGR
FSHL FSHLR FSHLS

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.1108 for the plug connected to an A-shaped caulkings piece.

Specifications of hose Dimensions of caulkings

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	M12X1.25	35	8.5	5.2	12	1/8
2	43	19	21	M16X1.5	38	9.5	7	14	1/4
3	48	19	24	M20X1.5	43	10.5	7	17	3/8

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

Price **Quotation**

Days to Ship **Quotation**

Precautions for use

- Use a high-temperature dedicated plug (FSHG, FSHGR, FSHL, FSHLR, FSHLS) P.1108 for the plug connected to an A-shaped caulkings 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

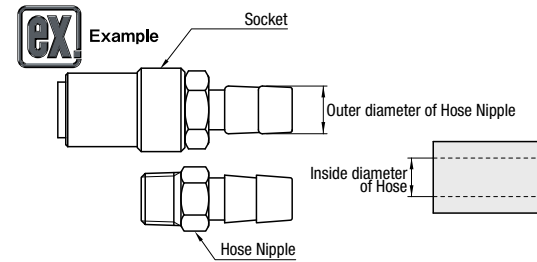
KGH (Rubber Hose for High-Temperature Water)

Applicable for liquid-water

M	Internal/Outside rubber		Reinforcing wire
	Heat resistant synthetic rubber (EPDM)		Aramid fiber
Maximum allowable pressure	Allowable temperature range	Minimum bending radius	Mass
MPa (kgf/cm ²)	°C	mm	kg/m
1.0(10.2)	-30~120	120	0.23

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

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 **Quotation**

Days to Ship **Quotation**

Hot-Water Hose

MHW (Hot-Water Hose)

Applicable for liquid-water

Soft vinyl chloride

D	d	Part Number		L (unit: m)	U/Price 1~9		
		Type	No.		L10	L20	L50
13.5	8	MHW	1	10 20 50	Quotation		
18	12		2				
22	15		3				

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		6000(60)	105	

Order **Part Number** — **L**
MHW2 — **10**

Days to Ship **Quotation**

Price **Quotation**

Hose Band

MHBT **RoHS**

SUS430 Safety cap: PE Bolt: SWCH10K

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

Order **Part Number** — **Days to Ship**
MHBT1 **Quotation**

Price **Quotation**

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