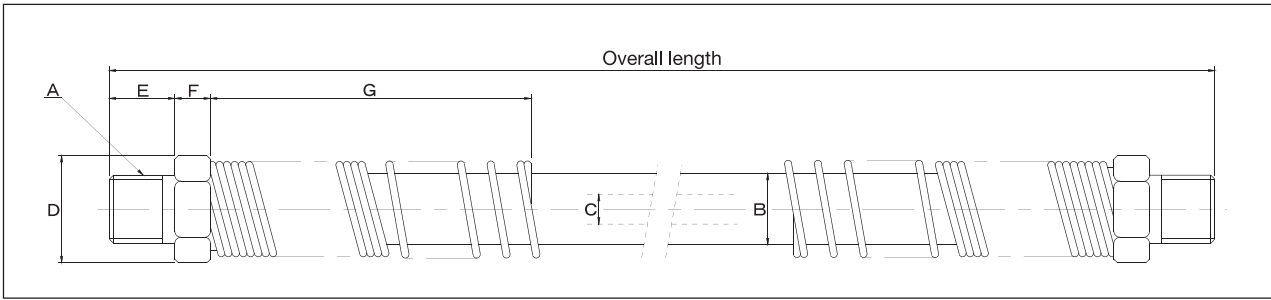


High-Pressure Rubber Hoses



Dimension list of hose body

Type	Bore diameter A	Outside diameter φ B	Inner diameter φ C	Width across flats D	Thread length E	Hex head length F	Guard length G	Capacity cm ³ /m	Expanded volume cm ³ /m	Minimum bend radius mm	Weight kg/m
H3/8	R3/8	16.5	6.3	23	16	9	300	33	5.5	110	0.5
H3/8B	R3/8	20.0	9.5	32	15	12	300	71	10	170	0.93
H1/2	R1/2	22.8	12.7	32	18	13	250	120	12	190	0.9
H3/4	R3/4	32.2	19.0	46	20	11	300	283	23	200	1.75
H8/8	R1	39.4	25.4	55	22	12	300	506	37	250	2.21

※The weight only includes the hose weight, not including the hardware on both ends or guard spring.

Instructions for use / maintenance of the high-pressure hoses

- The Riken's 70 MPa high-pressure hose with the name of "**RIKEN**" should be used.
- The high-pressure hoses should be used with the specified minimum bend radius (R) or larger. When the hose is moved, the hose should always be kept at the minimum bend radius or larger.

- The hose shrinks due to the internal pressure. It should be mounted with flexibility.

- When the high-pressure hose contacts the floor or an object, the hose is rubbed by the shrinkage and vibration when a pressure is applied. A support should be placed under the hose for the protection.

- Do not move the equipment by pulling the high-pressure hose.

- The hose should not be subject to heavy load such as a vehicle and a dropping of heavy articles. A protection must be provided to the hose where any danger is expected.

⚠ Warning:

The high-pressure hose must not be grabbed when a pressure is applied. If the hose is broken while grabbed by a hand, the high-temperature hydraulic oil could burst out instantaneously and injure the hand severely, even piercing it.