

METALLIC FLEXIBLE HOSE

IFH Series

Flexible metal hose are high resistant to temperature and pressure, easy to install because of flexible design and has longer life time because of its resistance to corrosion.
Braided metal hose is being used for connection where there is a high temperature and high pressure in the system.

MATERIAL

Hose: Stainless Steel AISI321 (standard), AISI 316/316L
Braiding: Stainless Steel AISI 304, AISI316
Fitting: Carbon Steel, Stainless Steel (Others on request)
Connection types: Flange, Male, Female, Weld...etc

SIZE

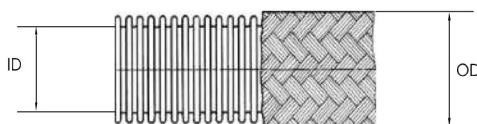
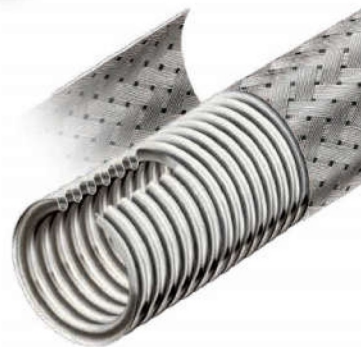
DN6(1/4") - DN300(12")

WORKING CONDITION

Working Temperature: -80/+427 °C

APPLICATION

For transferring all type of flow media
Natural Gas
Steam
HVAC applications
LNG and cryogenic applications
Chemical and petrochemical
Marine application
Food and Beverage



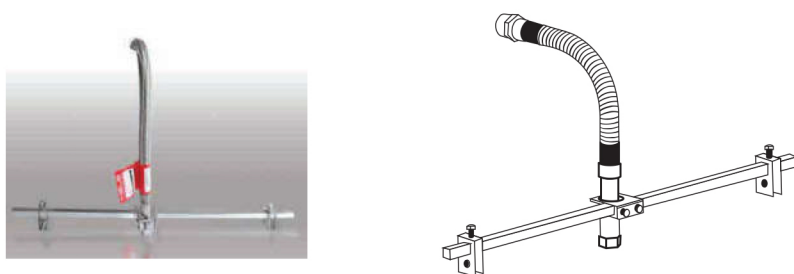
Dimmension (mm)

SIZE		ID	OD	BENDING RADIUS		WORKING PRESSURE	TEST PRESSURE	STANDARD LENGTH
NB	MM	MM	MM	STATIC	FLEXING	KG/CM2	KG/CM2	MM
3/8"	12	12,2	17,8	50	200	80	120	300, 500, 1000, 1500
1/2"	16	16,2	22,8	50	200	70	105	300, 500, 1000, 1500
3/4"	20	20,2	28	70	200	64	96	300, 500, 1000, 1500
1"	25	25,4	33,7	90	200	50	75	300, 500, 1000, 1500
1-1/4"	32	34,3	43	110	250	40	60	300, 500, 1000, 1500
1-1/2"	40	40,1	52,5	130	250	30	45	300, 500, 1000, 1500
2"	50	50,3	67,2	175	350	28	42	300, 500, 1000, 1500
2-1/2"	65	65,7	83	200	410	24	36	300, 500, 1000, 1500
3"	80	80,3	97	205	450	18	27	300, 500, 1000, 1500
4"	100	100,8	119	230	560	16	24	300, 500, 1000, 1500
5"	125	125,4	152,5	280	660	12	18	300, 500, 1000, 1500
6"	150	150,8	177,5	320	815	10	15	300, 500, 1000, 1500
8"	200	197	228	435	1015	10	12	300, 500, 1000, 1500
10"	250	244	287,5	635	1270	15	22	300, 500, 1000, 1500
12"	300	292	339,5	762	1524	11	16,5	300, 500, 1000, 1500

※Flexible hoses for high pressure and ultrahigh pressure can be specially designed. ※The specifications are subject to change for product improvement without prior notice. ※The maximum working pressure may vary depending on the design conditions.

SPRINKLER HOSE

Sprinkler hose are flexible, stainless steel and braided which used for connectuon of fire pipeline and sprinkler heads. Sprinkler heads are installed on roof by hydraulic calculations and its connection to main fire pipeline can be whether by rigid piping system or by flexible metal hoses.



Hose size	DN20	DN25
Sprinkler size	1/2" ; 3/4"	
Fire size connection	1"	
Hose lenght	500mm, 700mm, 1000mm, 1200mm, 1500mm, other on request	

CONNECTION TYPES

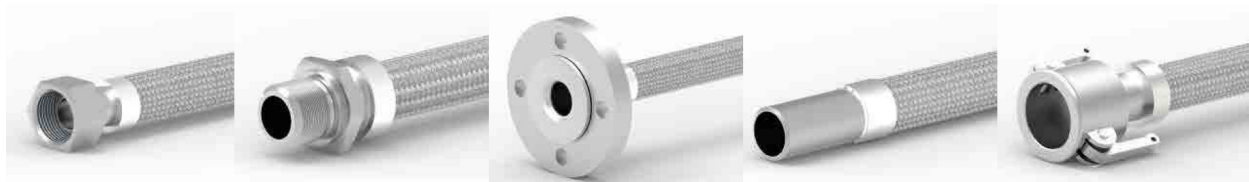
Female swivel

Male Nipple

Flange

Welding tube

Coupling



※For other connections, please consult us.

HOW TO ORDER

IFH - 025 - 0300 - FS/FS - SS304

Code	Fitting material
SS304	Stainless Steel AISI 304
SS316	Stainless Steel AISI 316
CS	Carbon Steel
FS	Forged Steel
GAL	Malleable cast iron

Code	Connection (Fitting 1/Fitting 2)
FS	Female Swivel (Gasket+Cone)
MN	Male Nipple
UN	Union (Gasket+Cone)
FL10K/20K	Flange JIS10K/ 20K
FL16/25/40	Flange PN16/25/40
FL150/300	Flange ANSI#150/300
RQ	Other connection on request

Code	Length (mm)
0000	300, 400, 500, 600, 1000, 1200
Other	Specific detail

Code	Size (DN)
000	10, 15, 20, 25.... 200, 250, 300

IFH - IF SERIES