



SY Flex Co.,Ltd

Flexible Metal Hose (or with HDPE Hose)
Gas Hose with HDPE material



USAGE: Industrial Hose, Thermoplastic Hose (Compressed Natural Gas), Fire Fighter Hose. LPG, LNG Combustor, Gas Boiler

Thermoplastic Hose

Specs for Thermoplastic Hose

- Conductive or Non-Conductive HDPE hose
- Material: STS 304 (or STS3016 upon request)
- Inner Diameter: $\frac{3}{8}$ in., $\frac{1}{2}$ in., 1 in.
- Inside material components : 1 Pipe + 1 or 2 braided hoses + 1 HDPE hose
- MAX. Working Pressure: 5000 psi (34.5 MPA)
- MIN. Working Temperature: -40°C
- MAX. Working Temperature: 85°C
- MIN. Radius: 3 inches

Available in Rolls as following (30 meters, 40 meters, or 50 meters).

Length of the product can be customized with fittings (connectors) upon request.
(30 in, 48 in, 62 in, 70 in, or as needed)



Shows the inside ; 1 pipe + 1 or2 braided hose+ HDPE Hose



Flexible Metal Hose ($1\frac{1}{2}$ in., 1 in., $1\frac{1}{4}$ in., 2 in. in diameter)

Available in Rolls as following (30 meters, 40 meters, or 50 meters).



Shows the inside ; 1 pipe + 1 or 2 braided hoses



Length of the product can be customized with fittings (connectors) upon request.
(30 in, 48 in, 62 in, 70 in, or as needed)



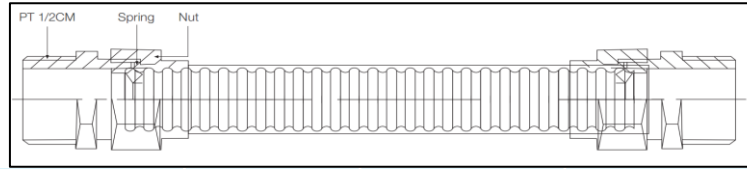
Sprinkler Flexible Hose (Fire Fighter) (Inside Diameter: $3\frac{3}{8}$ in ~ 2in.)

Length of the product can be customized with fittings (connectors) upon request.
(30 in, 48 in, 62 in, 70 in, or as needed)



Metal Flexible Hoses for Gas

- Conductive or Non-Conductive HDPE hose
- Material: STS 304 (or STS3016 upon request)
- Inner Diameter: 3/8 in., 1/2 in., 1 in.



	Standard	Thickness (mm)	Bore (±0.3mm)	OD (±0.3mm)	Coating Thickness (±0.1mm)	Operating Pressure	Test Pressure	Remarks	Usage
Inner Tube	15A	0.25	14.1	18.1	0.6	3.3 Kpa below	1 min 1.8 Mpa (18 Kg/cm ²)	Korea Gas Safety Corporation Certification	Boiler Pipe
	20A	0.25	21	25.6	0.6				
	25A	0.25	27	32	0.6				

Conductive Hose



Available in Rolls as following (30 meters, 40 meters, or 50 meters). **Non-Conductive Hose**

Length of the product can be customized with fittings (connectors) upon request. (30 in, 48 in, 62 in, 70 in, or as needed)

