

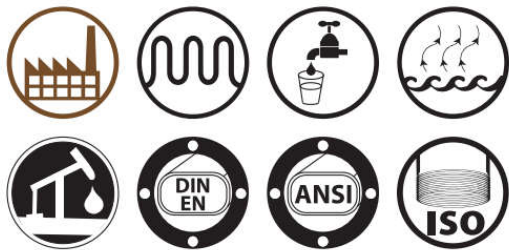
AYVAZ INDUSTRIAL FLEXIBLE HOSE

Type AIFH-100



Advantages

- Annularly corrugated structure prevents lime formation.
- Stainless steel hose and braiding for have long service life.
- Easy installation and saving on labor costs.
- No reduction of cross section.
- Well resistance against high pressure.
- Non welded installation is suitable for hazardous areas.



Application Areas

- Gas connections.
- Heating, ventilation, and air conditioning.
- Heating of manufacture lines.
- Pipeline bridges.
- Heating of pressured vessels and tanks.
- Cooling systems and transporting relevant fluids.

Design

- Hose material: AISI 316L as standard (options AISI 304, AISI 321...)
- Braid material: AISI 304 as standard (options AISI 316L, AISI 321...)
- Connection ends: union type; DN15 – DN50.
- Connector material: steel 37-2 Zinc coated as standard (options AISI 304, AISI 321...)
- Operating pressure: PN16 as standard (PN2.5 to 63 as options).
- Test pressure: 1.5 times of operating pressure.
- Operating temperature: room temperature (-10°C ~ 550°C as request)

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How to order:

AIFH- 100- B C 1 B -0300 -015 (none)

AIFH-	Family of Products	Ayvaz Industrial Flexible Hose
100-	Connection type and standard	type 100: flexible hose with 02 union ends - internal threaded female EN ISO 10226/1 flat sealing
B	Connector material	steel 1.0037 (St 37-2 DIN 17100 - Zinc coated)
C		stainless steel 1.4301 (AISI 304)
1		stainless steel 1.4404 (AISI 316L)
B		stainless steel 1.4541 (AISI 321)
-0300	Hose material	steel 1.0037 (St 37-2 DIN 17100 - Zinc coated)
		stainless steel 1.4301 (AISI 304)
		stainless steel 1.4404 (AISI 316L)
		stainless steel 1.4541 (AISI 321)
	Pressure-Temperature rating	16 bar - 25°C
		16 bar - 180°C
		25 bar - 25°C
		25 bar - 220°C
		addition code reference
	Braid material	steel 1.0037 (St 37-2 DIN 17100 - Zinc coated)
		stainless steel 1.4301 (AISI 304)
		stainless steel 1.4404 (AISI 316L)
		stainless steel 1.4541 (AISI 321)
-0300	Length of product	300 mm
-015	Nominal size	DN15
-020		DN20
-025		DN25
-032		DN32
-040		DN40
-050		DN50
(none)	Addition code	no special specification
HT		High temperature

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Example:

AIFH-100-BC1B-0300-025: flexible hose with 02 union ends (ISO 10226/1) / union: AISI 304 / hose: AISI 316L / pressure-temperature: 16 bar - 25°C / braid: AISI 304 / total length: 300 mm / size: DN25.

AIFH-100-BC1B-0300-032: flexible hose with 02 union ends (ISO 10226/1) / union: AISI 304 / hose: AISI 316L / pressure-temperature: 16 bar - 25°C / braid: AISI 304 / total length: 300 mm / size: DN32.

AIFH-100-BC1B-0300-040: flexible hose with 02 union ends (ISO 10226/1) / union: AISI 304 / hose: AISI 316L / pressure-temperature: 16 bar - 25°C / braid: AISI 304 / total length: 300 mm / size: DN40.