

## AYVAZ INDUSTRIAL FLEXIBLE HOSE

### Type AIFH-205



#### 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: flange PN16 as standard (options JIS10K, ASME #150...)
- Connector material: AISI 321 as standard (options AISI 304, AISI 316L...)
- 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)

# AYVAZ INDUSTRIAL FLEXIBLE HOSE

How to order:

**AIFH- 205- A C 1 B -0300 -050 (none)**

<b>AIFH-</b>	<b>Family of Products</b>	Ayvaz Industrial Flexible Hose
<b>205-</b>	<b>Connection type and standard</b>	type 205: flexible hose with both sides of fix flange - DIN EN1092/1 PN16
<b>A</b>	<b>Connector material</b>	steel 1.0037 (St 37-2 DIN 17100 - Zinc coated)
<b>B</b>		stainless steel 1.4301 (AISI 304)
<b>C</b>		stainless steel 1.4404 (AISI 316L)
<b>D</b>		stainless steel 1.4541 (AISI 321)
<b>A</b>	<b>Hose material</b>	steel 1.0037 (St 37-2 DIN 17100 - Zinc coated)
<b>B</b>		stainless steel 1.4301 (AISI 304)
<b>C</b>		stainless steel 1.4404 (AISI 316L)
<b>D</b>		stainless steel 1.4541 (AISI 321)
<b>1</b>	<b>Pressure-Temperature rating</b>	16 bar - 25°C
<b>2</b>		16 bar - 180°C
<b>3</b>		25 bar - 25°C
<b>4</b>		25 bar - 220°C
<b>X</b>		addition code reference
<b>A</b>	<b>Braid material</b>	steel 1.0037 (St 37-2 DIN 17100 - Zinc coated)
<b>B</b>		stainless steel 1.4301 (AISI 304)
<b>C</b>		stainless steel 1.4404 (AISI 316L)
<b>D</b>		stainless steel 1.4541 (AISI 321)
<b>-0300</b>	<b>Length of product</b>	300 mm
<b>-050</b>	<b>Nominal size</b>	DN50
<b>-065</b>		DN65
<b>-080</b>		DN80
<b>-100</b>		DN100
<b>-125</b>		DN125
<b>-150</b>		DN150
<b>-200</b>		DN200
<b>-250</b>		DN250
<b>-300</b>		DN300
<b>(none)</b>	<b>Addition code</b>	no special specification
<b>HT</b>		High temperature

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Example:

**AIFH-205-AC1B-0300-065:** flexible hose with both sides of fixed flange – DIN EN 1092/1 PN16 / flange: Steel 37-2 (Zinc coated) / hose: AISI 316L / pressure-temperature: 16 bar - 25°C / braid: AISI 304 / total length: 300 mm / size DN65.