

**FLEXIBLE
METAL
HOSE**

2

INDUSTRIAL HOSES ► BRAIDED AND NON-BRAIDED HOSES WITHOUT FITTINGS



Hose Type
Hose Material

Braiding Material
Nominal Diameter
Norm

Standard and open pitch corrugated metal hose
Stainless Steel AISI 316L
AISI 304 or AISI 321 also available upon request
Stainless Steel AISI 304
DN6 - DN300
EN ISO 10380

INDUSTRIAL HOSES ► BRAIDED AND NON-BRAIDED HOSES WITH FITTINGS



Hose Type
Hose Material
Braiding Material
Connection Types
Fittings Materials

Standard corrugated metal hose
Stainless Steel AISI 316L - AISI 321
Stainless Steel AISI 304
Flange, Welded ends, Threaded
Carbon Steel St. 37.2 / Stainless Steel (Optional)

* Please contact our sales team for hose lengths and connections

GAS HOSES ► SERVICE-FLEX, UNDERSOIL MAIN GAS CONNECTION HOSE



Hose Type
Hose Material
Fittings Type
Fittings Material
Cover

Standard corrugated metal hose
Stainless Steel AISI 316L
Outer threaded pipe end
Carbon Steel St 37.2 EN ISO 10226
Special Polyethylene band

"Please contact our sales team for hose lengths and connections"

GAS HOSES ► EN 14800 (NATURAL GAS AND LPG)

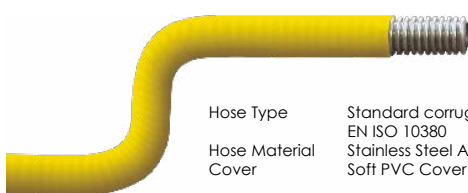


Hose Type
Hose Material
Braiding Material
Cover

Internals
Norm

Standard corrugated metal hose EN ISO 10380
Stainless Steel AISI 316L
Stainless Steel AISI 304
Transparent PVC for the protection from household and other aggressive influences.
Stainless Steel AISI 304
EN 14800:2007

GAS HOSES ► INDOOR-FLEX, DOMESTIC MAIN GAS CONNECTION HOSE EN 15266

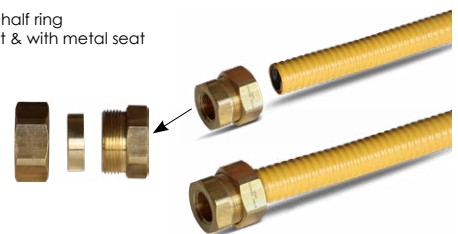


Hose Type
Hose Material
Cover

Standard corrugated metal hose
EN ISO 10380
Stainless Steel AISI 316L
Soft PVC Cover in Yellow

SYSTEM ELEMENTS

Connection Type - Kes-tak ► with gasket & half ring
- Push-fit ► without gasket & with metal seat



Ayvaz products are subject to technical alterations and deviations resulting from the manufacturing process.

GAS HOSES ► EKO MIG-GAS - SEMI EXTENSIBLE



Hose Type
Hose Material
Fittings Types
Fittings Material

Cover
Gasket
Other

Semi Closed pitch corrugated extensible metal hose EN ISO 10380
Stainless Steel AISI 316L
Female-Male/Female-Female
Nut in Nickel Coated Brass EN ISO 228/1
Nipple in Stainless Steel EN ISO 7/1
Polyolefin Cover in yellow or coverless
NBR / Aluminium
With heat treatment

GAS HOSES ► EKO-FLEX, FLEXIBLE METAL HOSE FOR COOKERS AND OVENS



Hose Type
Hose Material
Fittings Types
Fittings Materials

Cover

Standard corrugated metal hose EN ISO 10380
Stainless Steel AISI 316L
Female-Male, Female-Female
Nipple in Ni Coated Carbon Steel St. 37.2 EN ISO 7/1
Nut in Ni Coated Carbon Steel St. 37.2 EN ISO 228/1
Polyolefin Cover in Yellow or Coverless

GAS HOSES ► BURN-FLEX, FLEXIBLE METAL HOSE FOR GAS BURNERS



Hose Type
Hose Material
Fittings Types
Fittings Material
Cover

Semi Closed pitch corrugated metal hose EN ISO 10380
Stainless Steel AISI 316L
External threaded pipe EN ISO 7/1
CrNi Coated Carbon Steel St. 37.2/Stainless Steel
Polyolefin Cover in Yellow or Coverless

GAS HOSES ► MIG-GAS - FULLY EXTENSIBLE (UNI 11353)



Hose Type
Hose Material
Fittings Types
Fittings Material

Cover
Gasket
Other

Closed pitch corrugated extensible metal hose EN ISO 10380
Stainless Steel AISI 316L
Female-Male/Female-Female
Nut in Stainless Steel AISI 304/303 EN ISO 228/1 (Brass Ms58 Opt.)
Nipple in Stainless Steel AISI 304/303 EN ISO 7/1
Polyolefin Cover in Yellow or coverless
NBR / Aluminium
With heat treatment



GAS HOSES ► COUNTER-FLEX, FLEXIBLE METAL HOSE FOR GAS COUNTERS



Hose Type
Hose Material
Fittings Types
Fittings Materials

Cover

Standard corrugated metal hose
Stainless Steel AISI 316L / AISI 321
Female-Male, Male-Male
Male in threaded Carbon Steel
St. 37.2 pipe EN 10226
Nut in brass (BS 746)
Coverless

Standard/closed pitch corrugated extensible metal hose
Stainless Steel AISI 316L
Female-Male/Female-Female
Male (EN ISO 7/1) and int. parts in
CrNi coated Carbon Steel St. 37.2
Nut in brass / Carbon Steel St. 37.2 EN ISO 228/1
Polyolefin Cover in Yellow or Coverless



GAS HOSES ► COOKER-FLEX (NATURAL GAS) BS669/1

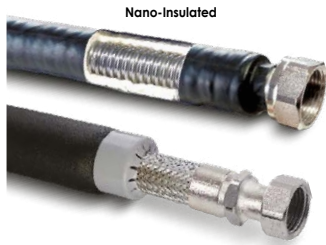


Conveying Hose
Cover
Fittings Materials
Norm
Connection

Galvanised steel Strip-wound hose with interlock profile
Rubber cover in black
Brass MS58
BS669/1
Threaded (1/2"x3/8"), Bayonette (1/2"x1/2")

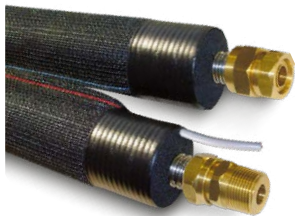


HVAC HOSES ► FLEXIBLE METAL HOSE FOR FAN-COIL CONNECTIONS



Hose Type	Standard corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Braiding Material	Stainless Steel AISI 304 (Braiding is optional)
Fittings Materials	Carbon Steel St. 37.2/Stainless Steel
Fittings Type	Female-Male
Insulation Material	Rubber based special insulation (9-13 mm) Cryogel X201 (Aspen Aerogels) (5-10 mm)

SOLAR HOSES ► EZ-FLEX, INSULATED SOLAR HOSES (2in1 and 1in1)



Hose Type	Standard or open pitch corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Braiding Material	Separable Polyamide braiding or non braided
Sensor Cable	Silicone Cable
Insulation Material	EPDM, rubber based insulation
Insulation Thickness	9mm/13mm/19mm

SOLAR HOSES ► EF-FLEX, INSULATED SOLAR HOSES (2in1 and 1in1)



Hose Type	Standard or open pitch corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Foil Material	Separable Polyamide
Sensor Cable	Silicone Cable
Insulation Material	EPDM, rubber based insulation
Insulation Thickness	9mm/13mm/19mm

SOLAR HOSES ► EV-FLEX, INSULATED SOLAR HOSES (2in1 and 1in1)



Hose Type	Standard or open pitch corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Foil Material	Separable Polyamide
Sensor Cable	Silicone Cable
Insulation Material	Polyester
Insulation Thickness	9mm/13mm/19mm

SOLAR HOSES ► NANO-FLEX, INSULATED SOLAR HOSES (2in1 and 1in1)



Hose Type	Standard or open pitch corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Cover	Separable UV resistant cover
Cover Color	Black, white, red, grey
Sensor Cable	Silicone Cable
Insulation Material	Pyrogel XT aerogel insulation
Insulation Thickness	5mm

SOLAR HOSES ► PAN-FLEX, FLEXIBLE SOLAR PANEL CONNECTORS



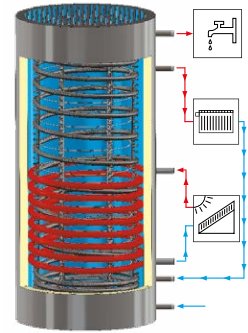
Hose Type	Closed pitch corrugated highly flexible metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Fittings Material	MS 58 Brass
Fittings Types	Female-Female, Male-Male, Welded Ends, Push Connector, Press Type

SOLAR HOSES ► BOILER-FLEX, SOLAR BOILER SERPATINE HOSES



Hose Type	Standard corrugated metal hose Open pitch corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Fittings Material	Stainless Steel AISI 316
Fittings Types	Internal and external threaded pipe

Customized fittings types and materials are available on request.



HVAC HOSES ► VIB-FLEX



Hose Type	Standard corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Braiding Material	Stainless Steel AISI 304
Connection Material	Copper
Fittings Types	Welded End

HVAC HOSES ► SU-FLEX, WATER CONNECTION HOSE



Hose Type	Standard corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L / AISI 304
Fittings Types	Nut-Nut (Male adapters are available)
Fittings Materials	Nut in Brass EN ISO 228/1
Cover	Non-covered
Gasket	Klingerit

HVAC HOSES ► KES-TAK, SELF ASSEMBLY KIT FOR WATER CONNECTION



Hose Type	Standard corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Fittings Types	Self assembly male adapters and nuts available
Fittings Materials	Ni Coated Brass Nuts and male adapters Clamping washer in Stainless Steel AISI 304
Gasket	Asbestos free Klingerit
Operating Temp	Max.150°C

KES-TAK BOX COMPONENTS

Nut	10 pcs
Clamping Washer	10 pcs
Gasket	10 pcs
Crushing Screw	1 pcs
Flexible Metal Hose	

HVAC HOSES ► KES-TAK, MONTAGE BAG



KES-TAK FITTINGS SIZES (IN THE BAG)

1/2" - 3/4"
1/2" - 1"
3/4" - 1"

KES-TAK BAG COMPONENTS

Kestak Piston
Kestak Piston heads in two
Different Sizes
Cutting Device
Fittings set in two different sizes



1. Measuring and cutting the hose 2. Slide the nut over the hose 3. Press the piston 4. Fit the clamping washer 5. Insert the gasket

HVAC HOSES ► AQUAFLEX - FULLY EXTENSIBLE (MIG SU)



Hose Type	Closed pitch corrugated extensible metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Fittings Types	Female-Female, Female-Male
Fittings Materials	Nipple in stainless steel EN ISO 7/1 Nut in Brass Ms58, EN ISO 228/1 Internal parts in stainless steel
Cover	Polyolefin Cover in White or Coverless UNI 7129



HVAC HOSES ► COMBI CONNECTION SET



Hose Type	Closed pitch corrugated extensible metal hose
Hose Material	Stainless Steel AISI 316L
Fittings Types	Female-Male
Fittings Materials	Male and internal parts are stainless steel Nut in Stainless Steel / Brass
Cover	Mig-Gas hose with Polyolefin Cover in Yellow Mig-Su hoses are coverless
Gasket	Klingerit / Aluminium

HVAC HOSES ► MIX-FLEX, FLEXIBLE METAL HOSE FOR MIXER TAPS



Hose Type	Standard corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Fittings Type	Male-Female
Fittings Materials	Nipple in Stainless Steel M10x1 Nut in Ni Coated Brass EN ISO 228/1 Inner Parts in Stainless Steel
Cover	Normally coverless, polyolefin cover in customized colours is optional
Gasket	Klingerit or NBR

FIRE PROTECTION HOSES ► SPRINKLER CONNECTION HOSES



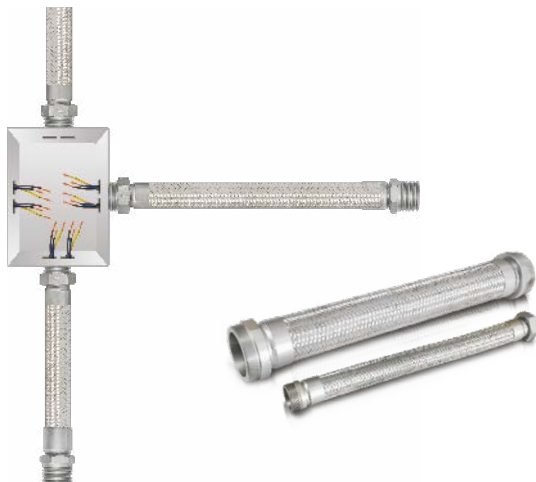
FM, Vds Approved, UL Type

Assembly Bar	Galvanized coated St 37.2
Fixing Bolt	Carbon Steel 8.8
Kit Fixing Part	Galvanized coated St 37.2
Sprinkler Hose	Stainless Steel
Hose Fixing Part	Galvanized coated St 37.2
Hose Connection Equipment	Carbon Steel or Stainless Steel

PROTECTION HOSES ► EX-PROOF CABLE PROTECTION SLEEVE



The risk of electrical spark or arc that may occurred the electric cables characterized in that flexible hoses are protected by exproof.



Material	Stainless Steel AISI 316L
Braiding Material	Stainless Steel AISI 304
Fittings	Carbon Steel – Stainless Steel
Certificate	IEP 13 ATEX 0184U
Application	II 2 G Ex-e II C/Gb; I M2 II 2 G Ex-ib II C/Db; Zone 1 & 2; 21 & 22
Area	IP66/67
Protection Class	IP66/67
Temperature	Ta (-20;+80) °C



HEAD OFFICE - **MAIN FACTORY**
Atatürk Sanayi Bölgesi Hadımköy Mahallesi
Mustafa İnan Caddesi No: 44 Arnavutköy - İSTANBUL
Tel: +90 212 771 01 45 (pbx) | Fax: +90 212 771 47 27
info@ayvaz.com | www.ayvaz.com



Cona
Caserta / Italy
Tel : +39 0823 187 3988
rmolaro@ayvaz.com



Ayvaz Ukraine
Kiev / Ukraine
Tel : +380 44 390 57 57
info@ayvaz.com.ua



Tricorr
Warsaw / Poland
Tel : +48-32-783-295-1
tricorr@tricorr.eu



Ayvaz Germany
Viernheim / Germany
Tel : +49 62046014399
germany@ayvaz.com



Ayvaz Serbia
Belgrade / Serbia
Tel : +381 61 658 70 52
yakbiyik@ayvaz.com



Ayvaz Azerbaijan
Baku / Azerbaijan
Tel : +99(455)579-84-32
ahayatov@ayvaz.com



Ayvaz Kazakhstan LLP
Almaty / Kazakhstan
Tel : +7 (727) 327 97 57
www.ayvaz.kz



Ayvaz N
Ispirih / Bulgaria
Tel : +359 8431 27 32
office@ayvaz-n.eu



Ayvaz Vietnam
HCMC / Vietnam
Tel : +84 89 8508345
ggursoy@ayvaz.com



Ayvaz China
Ningbo / China
Tel : +86 152 5830 7361
msahin@ayvaz.com



Ayvaz Egypt
Cairo / Egypt
Tel : +20 122 819 78 29
andrew.eid@ayvaz.com



Ayvaz Gulf
Dubai / U.A.E.
Tel : +971 563550822
+971 501306871
mideast@ayvaz.com



Ayvaz Americas
Rhode Island
Tel : +1 401 737 8380
americas@ayvaz.com