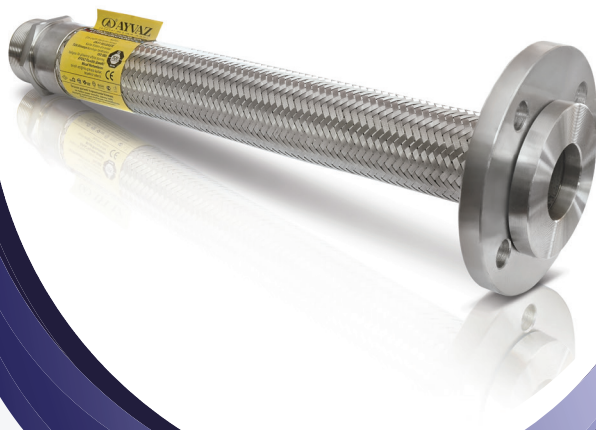




FLEXIBLE
METAL
HOSE

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

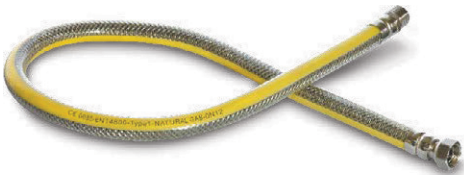


Hose Type
Hose Material
Fittings Type
Fittings Material
Cover

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

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

GAS HOSES ► EN 14800 (NATURAL GAS AND LPG)

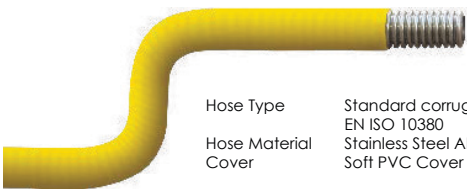


Hose Type
Hose Material
Braiding Material
Cover

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

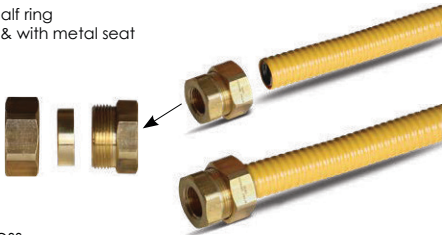


Hose Type
Hose Material
Cover

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

GAS HOSES

►

EKO-FLEX, FLEXIBLE METAL HOSE FOR COOKERS AND OVENS



Hose Type	Standard corrugated metal hose EN ISO 10380
Hose Material	Stainless Steel AISI 316L
Fittings Types	Female-Male, Female-Female
Fittings Materials	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
Cover	Polyolefin Cover in Yellow or Coverless

GAS HOSES

►

BURN-FLEX, FLEXIBLE METAL HOSE FOR GAS BURNERS



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

GAS HOSES

►

MIG-GAS - FULLY EXTENSIBLE (UNI 11353)



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



GAS HOSES

►

COUNTER-FLEX, FLEXIBLE METAL HOSE FOR GAS COUNTERS



Hose Type	Standard corrugated metal hose	Standard/closed pitch corrugated extensible metal hose
Hose Material	Stainless Steel AISI 316L / AISI 321	Stainless Steel AISI 316L
Fittings Types	Female-Male, Male-Male	Female-Male/Female-Female
Fittings Materials	Male in threaded Carbon Steel St. 37.2 pipe EN 10226	Male (EN ISO 7/1) and int. parts in CrNi coated Carbon Steel St. 37.2
	Nut in brass (BS 746)	Nut in brass / Carbon Steel St. 37.2 EN ISO 228/1
Cover	Coverless	Polyolefin Cover in Yellow or Coverless



GAS HOSES

►

COOKER-FLEX (NATURAL GAS) BS669/1



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



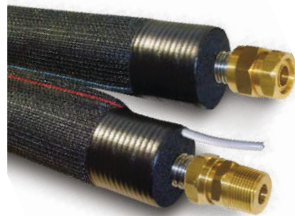
HVAC HOSES► FLEXIBLE METAL HOSE FOR FAN-COIL CONNECTIONS



Hose Type
Hose Material
Braiding Material
Fittings Materials
Fittings Type
Insulation Material

Standard corrugated metal hose EN ISO 10380
Stainless Steel AISI 316L
Stainless Steel AISI 304 (Braiding is optional)
Carbon Steel St. 37.2/Stainless Steel
Female-Male
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
Hose Material
Braiding Material
Sensor Cable
Insulation Material
Insulation Thickness

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

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



Hose Type
Hose Material
Foil Material
Sensor Cable
Insulation Material
Insulation Thickness

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

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



Hose Type
Hose Material
Foil Material
Sensor Cable
Insulation Material
Insulation Thickness

Standard or open pitch corrugated metal hose EN ISO 10380
Stainless Steel AISI 316L
Separable Polyamide
Silicone Cable
Polyester
9mm/13mm/19mm

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



Hose Type
Hose Material
Cover
Cover Color
Sensor Cable
Insulation Material
Insulation Thickness

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

SOLAR HOSES► PAN-FLEX, FLEXIBLE SOLAR PANEL CONNECTORS



Hose Type
Hose Material
Fittings Material
Fittings Types

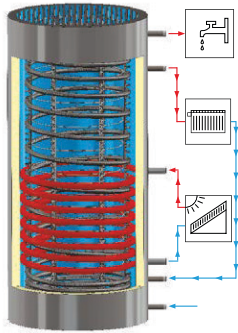
Closed pitch corrugated highly flexible metal hose EN ISO 10380
Stainless Steel AISI 316L
MS 58 Brass
Female-Female, Male-Male, Welded Ends,
Push Connector, Press Type

SOLAR HOSES► BOILER-FLEX, SOLAR BOILER SERPATINE HOSES



Hose Type	Standard corrugated metal hose
Hose Material	Open pitch corrugated metal hose EN ISO 10380
Fittings Material	Stainless Steel AISI 316L
Fittings Types	Stainless Steel AISI 316
	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
Hose Material	EN ISO 10380
Fittings Types	Stainless Steel AISI 316L
Fittings Materials	Self assembly male adapters and nuts available
	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)	KES-TAK BAG COMPONENTS
1/2" - 3/4"	Kes-tak Piston
1/2" - 1"	Kestak Piston heads in two Different Sizes
3/4" - 1"	Cutting Device
	Fittings set in two different sizes



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
Norm	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	Kes-tak Female Connection 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 Staines Steel

PROTECTION HOSES► EX-PROOF CABLE PROTECTION SLEEVE



The risk of electrical spark or arc that may occured 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	Ta (-20;+80) °C
Temperature	

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