



FLEXIBLE METAL HOSE



FLEXIBLE METAL HOSES

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

INDUSTRIAL HOSES ► BRAIDED HOSES WITH THREADED FITTINGS



Hose Type
Hose Material
Braiding Material
Fittings Material

Connection Types

Standard corrugated metal hose
Stainless Steel AISI 316L
Stainless Steel AISI 304
Threaded Connections in Malleable Iron
Flanges in Carbon Steel St. 37.2 (Stainless steel optional)
Internal Threaded (Female) Connection
External Threaded (Male) Nipple Connection
Fixed and Floating Flanged

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

GAS HOSES ► EN 14800 (NATURAL GAS AND LPG)

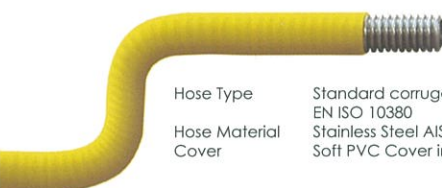


Hose Type
Hose Material
Braiding Material
Cover

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

Nut
Nipple
Clamping Washers
Tee
Crushing Tool
Pipe Clips
Gasket
Cutting Tool
Heat Shrink Tube

Nickel coated Brass 1/2"/3/4"/1"
Nickel coated Brass 1/2"/3/4"/1"
Stainless Steel AISI 304 1/2"/3/4"/1"
Nickel coated Brass 1/2"-1/2"-1/2", 3/4"-1/2"-1/2"
Ni Coated Carbon Steel 1/2"/3/4"/1"
DN12/16/20
Nitrile 1/2"/3/4"/1"
1/2"/3/4"/1"

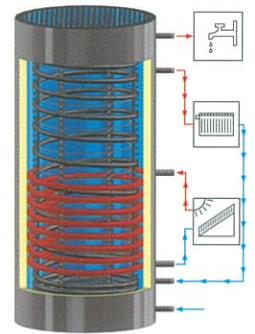


SOLAR HOSES ► BOILER-FLEX, SOLAR BOILER SERPATINE HOSES



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 ► VIBRATION ABSORBER



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

Kes-tak Piston
 Kes-tak 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
 Norm: Coverless UNI 7129

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



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")

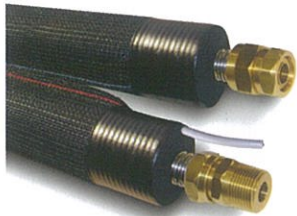
HVAC HOSES ► FLEXIBLE METAL HOSE FOR FAN-COIL CONNECTIONS



Hose Type
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 ► 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

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
Norm

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
UNI 11353

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

bsi.



Hose Type
Hose Material
Fittings Types
Fittings Materials

Cover

PRS 6/E

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 ► DILATATION HOSE, FLEXIBLE METAL HOSE FOR DILATATION POINTS



Hose Type
Hose Material
Fittings Types
Fittings Material
Cover

Standard corrugated metal hose EN ISO 10380
Stainless Steel AISI 316L
Welded Ends
NiCr Coated Carbon Steel St. 37.2
Polyolefin Cover in Yellow or Coverless

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 Kes-tak Female Connection
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

Hose Type	Standard corrugated metal hose
Hose Material	Stainless Steel AISI 316L
Braiding Material	Stainless Steel AISI 304
Fittings Types	Male-Internal threaded pipe
Fittings Materials	Carbon Steel St. 37.2/Stainless Steel
Min. Bending Radius	200mm

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

Nominal Diameters

DN 8 (1/4")	DN 32 (1 1/4")
DN 10 (3/8")	DN 40 (1 1/2")
DN12 (1/2")	DN 50 (2")
DN 16 (3/4")	DN 65(2 1/2")
DN 20 (5/8")	DN 80 (3")
DN25 (1")	DN 100(4")



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