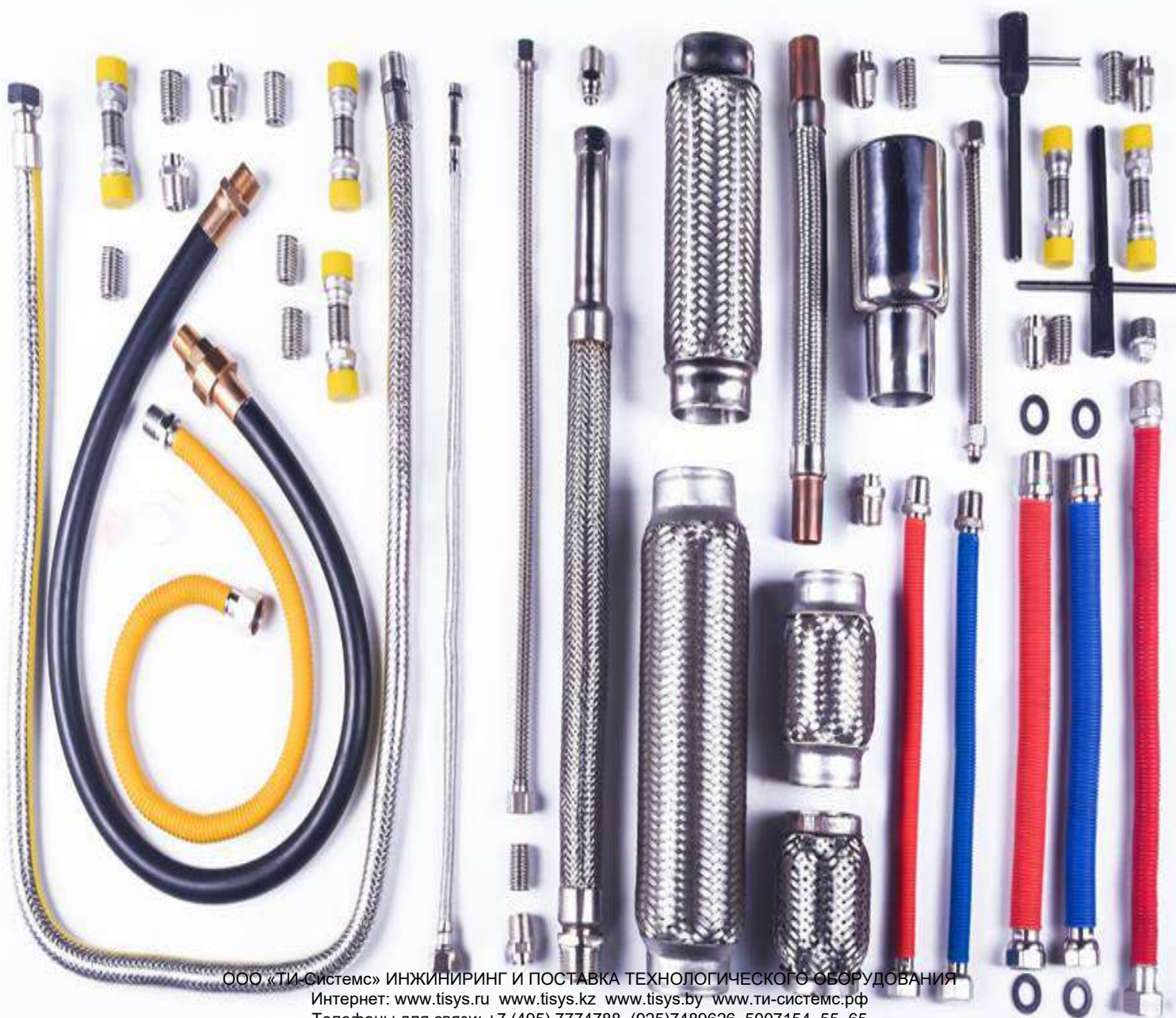


# FLEXOLL FLEXIBLE HOSE CATALOGUE



ООО «ТИ-Системс» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ  
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Flexoll established by 10 years experienced professional team to provide qualified product and technical services to HVAC,gas,oil,steam and industrial markets.Together with experience;strong production capability and marketing facilities;aims to develop new products.The target of Flexoll is to be wellknown brand name in worldwire markets with technical knowledge,machines,experienced human resources who introduces new products,to be solution partner for customers worldwire projects.Flexoll accepts high quality management and as a strategy to provide the trust and customer satisfaction.Flexoll has already started to expand sales and marketing organization throughout Worldwire and developing the first steps of being wellknown brand name.Flexoll is volunteer to support customers and solve their problems for tough competition markets and continue new investments.





Flexoll manufactures expansion joints and flexible hoses. Flexoll can manufacture hoses 304ss and 316 ss material and braid material 304ss and in order to expansion joints 304ss, 310ss and nickel alloys. Expansion joints are designed in accordance with latest EJMA standards. We use leading CAD, CAM and CAE softwares and various proprietary software based on our experience and testing. All expansion joints and flexible hoses are visually and pressure tested before shipping.

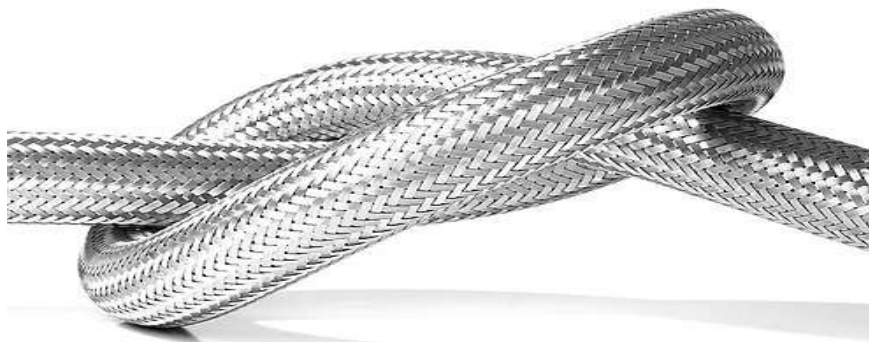


# BRAIDED HOSE



Hose Material: AISI 316L / AISI 304L Stainless Steel  
 Fittings Material: Carbon Steel (St37) / Stainless Steel (AISI304)  
 Braiding Material: AISI 304 (0,10mm.-0,40mm)  
 Hose Diameter: DN6-DN50  
 Connection Type: Nut/Nipple/Flange/Pipe End

DN		Interior Diameter		Outer Diameter		Tolerance	Bending Radius		Max. Working Pressure At 20C	Weight
mm	inch	d(mm)	d1(mm)	d2(mm)	d,d1,d2	r min(mm)	r n(mm)	bar	gr./m.	
6	1/4"	6,2	9,6	10,7	±0,2	15/25	80	190	0,143	
8	5/6"	8,2	12,2	13,7	±0,2	16/34	125	175	0,193	
10	3/8"	10,2	14,2	15,6	±0,2	18/38	127	130	0,214	
12	1/2"	12,2	16,3	17,8	±0,2	20/44	140	95	0,218	
16	5/8"	16,2	21,6	22,8	±0,2	27/58	155	90	0,372	
20	3/4"	20,2	26,9	28,5	±0,2	32/69	170	82	0,475	
25	1"	25,3	32,1	33,8	±0,3	40/84	190	62	0,728	
32	1 1/4"	34,1	40,1	43,1	±0,3	49/104	257	45	0,882	
40	1 1/2"	40,1	49,7	52,1	±0,3	59/129	295	40	1,386	
50	2"	50,2	60,2	62,4	±0,4	69/109	310	34	1,649	



# FLEXIBLE METAL HOSE



## STANDART PITCH



Material: AISI 316L / AISI 304L Stainless Steel  
 Hose Diameter: DN6 – DN50  
 Temperature: -270°C/+600°C

DN		Interior Diameter	Outer Diameter		Tolerance	Minimum Bending Radius Static rmin		Bending Radius	Max. Working Pressure At 20C	Weight
mm	inch	d(mm)	d1(mm)	d2(mm)	d,d1,d2	UB	B	r min(mm)	bar	gr./m.
6	1/4"	6,2	9,6	10,7	±0,2	15	25	15/25	190	0,143
8	5/6"	8,2	12,2	13,7	±0,2	16	34	16/34	175	0,193
10	3/8"	10,2	14,2	15,6	±0,2	18	38	18/38	130	0,214
12	1/2"	12,2	16,3	17,8	±0,2	20	44	20/44	95	0,218
15	5/8"	16,2	21,6	22,8	±0,2	27	48	27/58	90	0,372
20	3/4"	20,2	26,9	28,5	±0,2	32	69	32/69	82	0,475
25	1"	25,3	32,1	33,8	±0,3	40	84	40/84	62	0,728
32	1 1/4"	34,1	40,1	43,1	±0,3	49	104	49/104	45	0,882
40	1 1/2"	40,1	49,7	52,1	±0,3	59	129	59/129	40	1,386
50	2"	50,2	60,2	62,4	±0,4	69	160	69/109	34	1,649

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## OPEN PITCH



Material: AISI 316L / AISI 304L Stainless Steel  
 Hose Diameter: DN6 – DN50  
 Temperature: -270°C/+600°C

DN		Internal Diameter	Outer Diameter	Tolerance	Minimum Bending Radius Static	Max. Working Pressure At 20C	Weight
mm	inch	d(mm)	d1(mm)	d,d1	r min(mm)	bar	(kg/m)
10	3/8"	10,4	14,2	±0,3	18	21	0,076
12	1/2"	12,4	15,9	±0,4	20	21	0,090
15	5/8"	16,3	21,4	±0,4	25	16	0,150
20	3/4"	20,5	26,7	±0,4	30	10	0,200
25	1"	25,4	31,8	±0,4	35	10	0,260
32	1 1/4"	34,6	41,1	±0,5	40	4	0,335
40	1 1/2"	40,5	49,6	±0,5	50	4	0,545
50	2"	50,7	60,2	±0,5	60	3	0,695

# GAS CONNECTION HOSES



Hose Diameter: DN12 - DN50

Connection Type: Nut , Nipple

Hose Material: AISI 316L / AISI 304L Stainless Steel

Fittings Material: AISI 304 Stainless Steel / ST 37 Carbon St

Cover Material: Polyolefin Heat Shrinkable Tube

Gasket Material: Nitrile Rubber (acc. to EN 549 Standard)

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# GAS COUNTER CONNECTION HOSES



Connection Type: Nut , Nipple

Hose Material: AISI 316L / AISI 304L Stainless Steel

Fittings Material: AISI 303 Stainless Steel / ST 37 Carbon Steel

Cover Material: Polyolefin Heat Shrinkable Tube

Gasket Material: Nitrile Rubber (acc. to EN 549 Standard)

Counter Type	Length	Nut(Inch)	Nipple(Inch)
G4	200	1 1/4"	1"
G6	200	1 1/4"	1
G10	400	2"	1 1/2"
G16	400	2"	1 1/2"
G20	400	2 1/2"	2"
G25	400	2 1/2"	2"



# EN14800 GAS HOSES



Max. Working Pressure : 0,5 bar

Materials ;

Hose : AISI 316L / AISI 304L Stainless Steel

Braid : AISI 304 Stainless Steel Wire

Cover : PVC

Fittings : AISI 303 Stainless Steel Gasket:

Nitrile Rubber(acc.to EN 549 Standard)

The corrugated metal gas hose assemblies according to this European Standard are suitable for the connection of domestic appliances inside or outside a dwelling using gas at a pressure lower than 0,5 bar. Highly flexible gas hose is made of stainless steel. It has a stainless steel braid, welded to the fittings in order to reinforce the hose and provide necessary resistance to traction. PVC Cover is an external protection of hose from environmental and other outside influences.





# BURNER CONNECTION HOSES



Hose Diameter: DN25 - DN50

Hose Material: AISI 316L / AISI 304L Stainless Steel

Fittings Material: AISI 303 Stainless Steel / ST 37 Carbon Steel

Cover Material: Polyolefin Heat Shrinkable Tube

Gasket Material: Nitrile Rubber (acc. to EN 549 Standard)

DN	Fitting(Inch)	Length(mm)
DN25	1"x1"	170
DN32	1 1/4"x1 1/4"	170
DN40	1 1/2"x1 1/2"	210
DN50	2"x2"	230



# DILATATION CONNECTION HOSES



Hose Diameter: DN15-DN65

Hose Material: AISI 316L/ AISI 304L Stainless Steel

Fittings Material: ST 37 Carbon Steel

Cover Material: Polyolefin Heat Shrinkable Tube

Gasket Material: Nitrile Rubber (acc. to EN 549 Standard)



DN	Length(mm)	Length Of Fittings(mm)
DN15	500	60
DN20	550	60
DN25	600	60
DN32	650	70
DN40	750	80
DN50	850	90



# WATER CONNECTION HOSES



Hose Size: DN12 - DN50

Connection Type: Nut , Nippel

Hose Material: AISI 316L / AISI 304L Stainless Steel

Fittings Material :

Nut: Stainless Steel AISI 303 / Brass / Carbon Steel ST 37

Fitting for swivel nut: AISI 303 Stainless Steel / ST 37 Carbon Steel

Nipple: AISI 303 Stainless Steel / ST 37 Carbon Steel

Gasket Material : Non-Asbestos / Nitrile Rubber (acc. to EN 549 Standard)



# BOILER HOSES



Material: AISI 316L Stainless Steel

Hose Diameter: DN20 – DN40

Temperature: -270°C +600°C



Boiler Hoses are suitable for solar boilers and kind of water heat exchangers. These hoses provide higher heat transfer due to its wide surface area than standard hoses.



# PTFE STRAIGHT HOSE



## GENERAL FEATURES

1. Smooth PTFE, high mechanical resistance, dielectrical, fire resistant
2. High tensile stainless steel braid AISI 304.
3. Compressed air, gas, steam, water, air, fuel oil, chemical, food, pharmaceutical products, solvents, Pigments, and paint transfer lines.
4. Temperature range :-60°C to 260°C (-76°F to +500°F)

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DN	Interior Diameter	Outside Diameter	Working Pressure
3	3,2	6,5	275
5	4,8	7,8	200
6	6,35	9,4	175
8	7,9	11,2	150
10	9,5	12,8	135
12	10,3	16	130
16	15,9	19,2	100
20	19	22,5	90
25	25,4	29,4	65



# INSULATED SOLAR HOSE



## EPDM Insulation Pipe

- High quality synthetic elastomer (EPDM) based with a complete closed cell structure.
- Excellent UV resistance
- CFC and PVC free
- Up to 175°C operating
- Self extinguishing
- Thickness: 13mm



## Stainless Steel Corrugated Hose

Hose Material: AISI 316L / AISI 304L Stainless Steel

Hose Diameter: DN16-DN20-DN25

Fittings Material: Brass

Outer Cover

UV resistant monofilament yarn braiding

Temperature Sensor Cable

Wire : Copper

Insulation: Silicon Rubber

Temperature: +200°C



Insulated Solar Hoses are resistant to high temperature due to EPDM insulation pipe. And extra braiding over the insulation pipe ensure excellent UV resistance, water proof and bird attack protection. Insulated solar hose is used in quick installation systems to connect solar collector to the storage tank. You can save time and money by using this system. "The fittings (nut, nipple, segment, gasket) can be supplied assembled or separately."

# SPRINKLER CONNECTION HOSES



## Materials

Hose: AISI 316L Stainless Steel

Fittings: Carbon Steel (St 37)/Stainless Steel (AISI 303)

Braid: AISI304 Stainless Steel

Max. Working Pressure 60 bar

Temperature 190 °C-650 °C

Min. Bending Radius 180mm



# FANCOIL CONNECTION HOSES



Hose Size:DN12-DN50

Connection Type:Nut,Nipple

Hose Material:AISI 316L/AISI 304L Stainless Steel

Fittings Material:

Nut: Stainless Steel AISI 303/Brass/Carbon Steel ST 37

Fitting for swivel nut:AISI 303 Stainless Steel/ST 37 Carbon Steel

Nipple:AISI 303 Stainless Steel/ST 37 Carbon Steel

Insulation Material : 9mm. Rubber

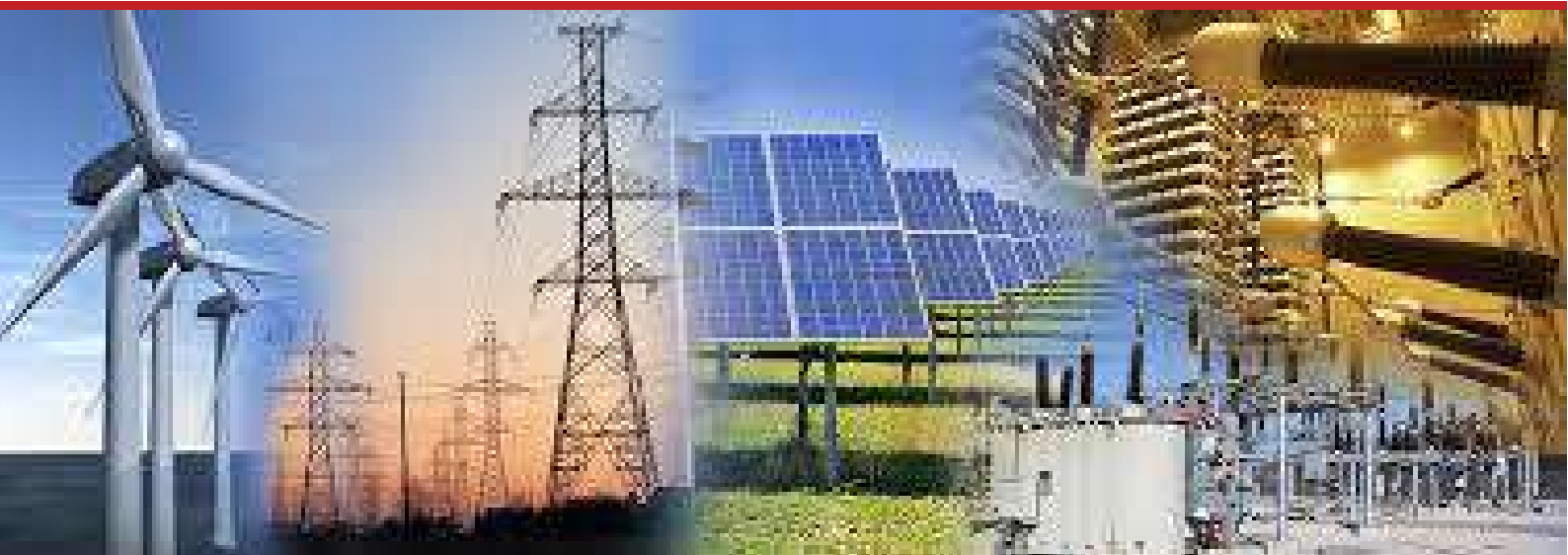
Gasket Material:Non-Asbestos

Braid Material:AISI 304 Stainless Steel

\* Braided fan coil hoses can be manufactured according to customer's request.







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