

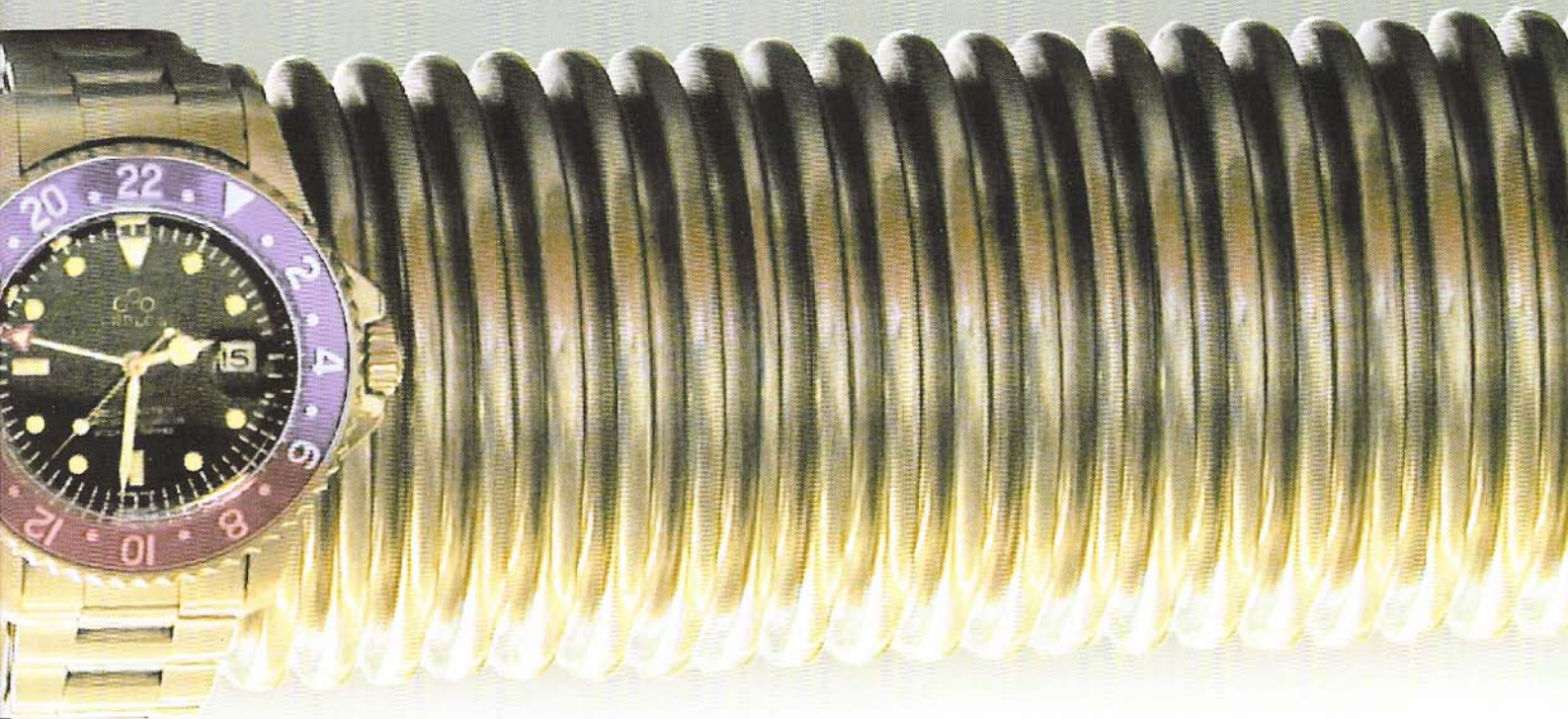
In the Race against Time :

Endless-Stainless Steel Flexible Bellows Pipe

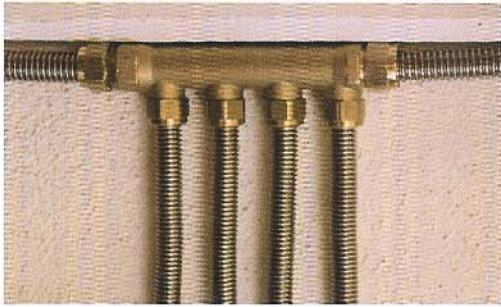
with quick fit ends

FlexoSet

- ✓ DVGW approved
- ✓ No special tools needed
- ✓ Easy to cut to length, without wastage
- ✓ Easy, inexpensive, reliable and permanent solution



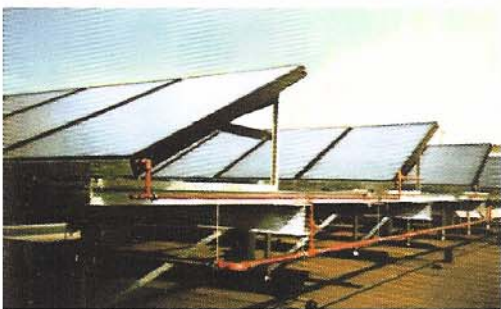
Typical Applications



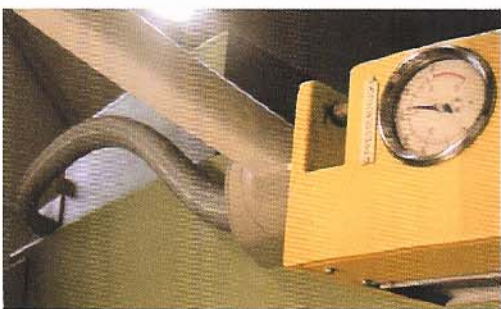
Gas



Heat Exchangers



Solar Heating

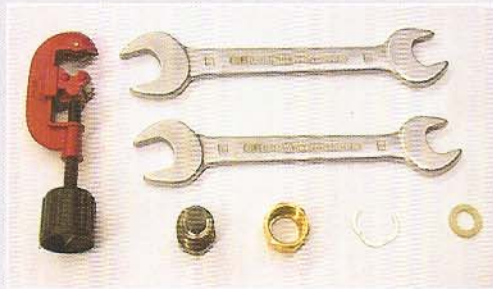


Industrial Machines



Electrical Cable Armour

Making a Connection



FlexoSet can be fitted with end connections quickly and easily in four operations:

- 1 Cut to length
- 2 Fit nut to the pipe ...
- 3 Fit the circlip at the last bellow.
- 4 Form the end with the special bolt supplied.



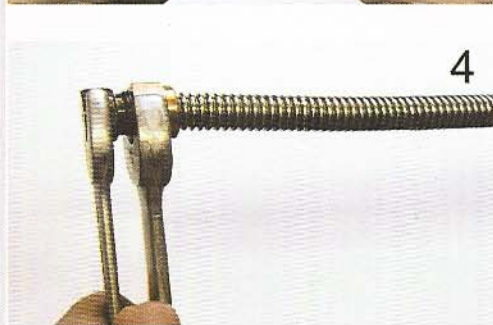
1



2



3



4

... fit the sealing washer now the pipe is ready to install for 100's of applications.



Simple to adapt from BSP to other standards.

Advantages

FlexoSet metal hoses are made of corrosion resistant austenitic Stainless Steel DIN 1.4404 (AISI 316L).

The bellow form of the pipe ensures full bore even when bent to the tightest radius.

Makes permanent installation in the shortest possible time at the most economical cost.

Technical Specification

Additional advantages of metal hoses:

The vortex action created by the bellow form, helps reduce build up on the bore of the pipe.

Large surface of the bellow gives high temperature transfer.

Flexible walls of the pipe reduces the possibility of deposits on the lining.

Flexible metal hoses (with or without braiding) are DVGW approved.

Construction:

Ring formed (not spiral formed)

Bellows metal hoses, butt welded and then hydraulically formed

Material:

- Bellows made from austenitic stainless steel 1.4404 (AISI 316L)
- Braiding made of stainless steel 1.4301 (AISI 304)
- Other materials on request

Connections:

Brass or stainless steel BSP nut

Sizes:

3/8" BSP up to 2" BSP

Pressure range:

Up to 130 bar working pressure, depending on size, type and pressure

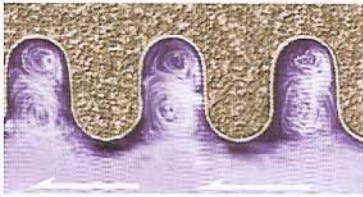
Temperature range:

-196°C up to +800°C (depending on material)

+650°C Gas approved from DVGW

Delivery:

Ex works, Germany, Switzerland and UK



other hoses of our product range...



DN	Nut	Inside-diameter		Outside-diameter		Min. Bend radius	Nom. Bend radius	Roll length*	Max. Pressure		Surface per meter	Weight without Braiding
									without**	with		
									Braiding			
		d ₁	tol.(±)	d ₂	tol.(±)	r _{min.}	r _{nom.}	meter	bar	bar	m ² /m	kg/m
8	3/8"	8.3	0.2	12.3	0.2	16	121	50	17	145	0.0528	0.085
10	—	10.3	0.3	14.3	0.3	17	125	50	12	130	0.0653	0.105
12	1/2"	12.2	0.4	16.7	0.4	19	135	50	9	110	0.0787	0.120
16	3/4"	16.1	0.5	20.6	0.5	27	155	50	7	95	0.1131	0.170
20	1"	19.9	0.5	24.9	0.5	30	165	50	4	90	0.1343	0.255
25	1 1/4"	25.3	0.5	32.0	0.5	39	185	50	3	60	0.1756	0.340
32	1 1/2"	34.2	0.6	42.3	0.6	49	255	25 / 50	2.5	55	0.2506	0.425
40	2"	43.9	0.7	52.2	0.7	58	290	25 / 50	2.4	50	0.3155	0.705
50***	2 1/2"	50.0	0.7	60.0	0.7	68	300	25 / 50	2	40	0.3423	0.890

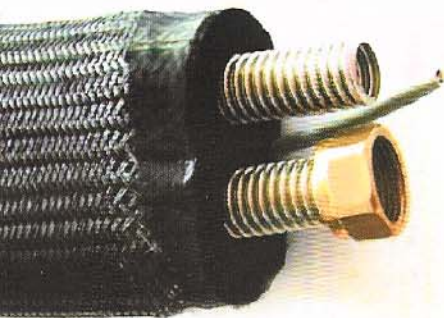
*Longer rolls on request **Larger sizes on request



FlexoSet

the clear choice for heat exchanger applications

- ✓ Double the surface area of standard pipes
- ✓ Thin wall thickness allows rapid heat exchange at any velocity
- ✓ Easy to form and assemble
- ✓ Corrosion resistant (316L)
- ✓ Chemical resistant (316L)
- ✓ Reduced possibility of deposits on the lining



FlexoSolar has been developed for the solar heating industry. The feed and return pipes are housed in high quality insulation protected by polyamide braiding, which is scratch and bird resistant. A silicone sensor wire is housed in its own channel.

CeeVee Ltd

Glos.
GL 6
Tel 01453 8
LRM

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Actuators • Bursting Discs

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