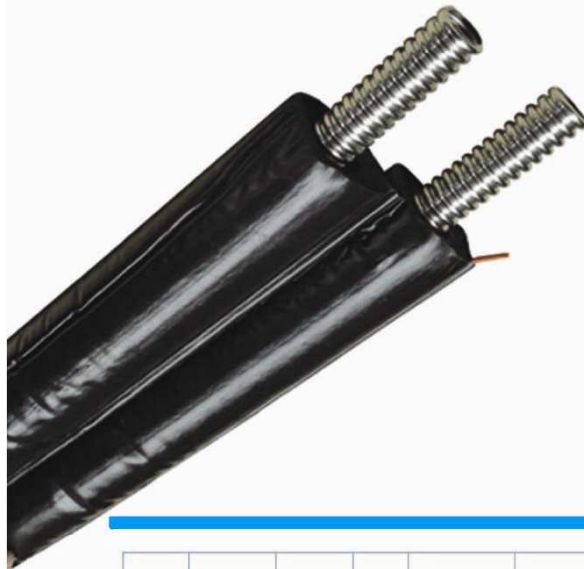


SOLARQUIP

flexible stainless steel insulated piping



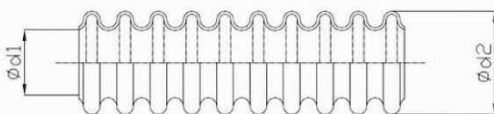
SolarQuip Solar Hose is a system solution with pre-insulated flow and return pipes for solar hot water heating systems used to connect the solar collector with the storage tank in an easy, quick and professional way. The pre-insulated solution of two flexible stainless steel pipes inside two EPDM closed cell insulation tubes and the integrated sensor cable saves time and reduces cost of installation.

SolarQuip Hose comes packaged in 25 mtr continuous lengths, with a cutting service from 1mtr upwards, so you can order the length you require with zero wastage with a full range of connection fittings to ensure a secure installation

General

- Easy to separate, without damaging the tubes.
- External PE cover protects against UV radiation and mechanical damage.
- Identification end caps to mark flow and return.
- Can be easily secured to the wall without the need for extra clips
- Can be joined to make longer lengths

Hose	Backnut Size	d1	d2	Tolerance d1/d2	Static bend Radius	Max working Pressure	Weight
DN	Inch	mm	mm	mm	mm	bar	kg/mtr
12	½"	12.4	17	+/- 0.3	20	14	0.088
16	¾"	16.3	21	+/- 0.3	24	13	0.143
20	1"	20.4	27	+/- 0.3	30	10	0.194
25	1.1/4"	25.4	32	+/- 0.3	35	8	0.25

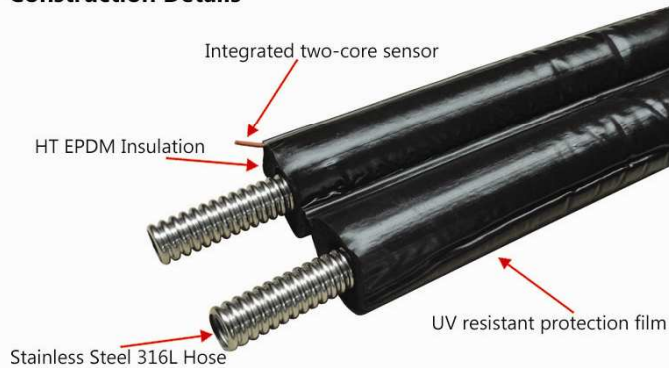


Corrugated Stainless Steel Pipe Material	1.4404 / AISI 316L	
Cell Structure Closed Cell	Closed Cell	
Colour Black	Black	
Upper Temperature Limit	+150°C (+175°C)	
Lower Temperature Limit	-50°C *	
Thermal Conductivity at -0°C	0.038 W/(m·K)	Test acc. to EN ISO 8497
Thermal Conductivity at +40°C	0.042 W/(m·K)	
Water Vapour Barrier	Built In	
Water Vapour Resistance	μ ≥ 4 500	Test acc. to EN 12086 & EN 13469
EuroClass	E	Test acc. to EN 13501-1
Reaction to Fire	Self-extinguishing, does not drip	
Environmental Aspects	ODP zero, GWP zero, Cadmium free	
Health Aspects	Dust & Fibre free, Formaldehyde free	
Other Attributes	PH Value : Neutral	

General

SolarQuip pipe is a flexible, quick installation system to connect solar collectors to the pump station and to the storage tank. The pipe system is easy to install, enabling pipes to be run without using a blow torch in confined spaces or on the roof. Two single closed cell elastomeric foam extrusions of high temperature resistant EPDM are protected against damages by an outer cover joined in the centre. So even when split the insulation is still protected. Flow and return pipes can be easily separated without damaging the insulation.

Construction Details



Packaging

The Solar Hose is packed either in boxes or on a drum for larger lengths. The drum can be used on multiple sites so you only order once and use what you need for each job. The hose rolls off neatly, ideal for confined spaces.



Splitting Hose

Easy to split flow and return pipes without damaging the pipe, insulation or the cable. The insulation remains protected all the way round.



Installation



Place the hose in the tube cutter



Cut the hose



Slide on the back nut



Place the hose in the vice



Place the vice in the hammer and flatten



Close the clip around the pipe



Insert the fibre washer



Screw fitting onto the backnut

Fittings For Connection



Compression



Self Seal Pump Station Adaptor



Smooth Tube Adaptor



Male/Male Adaptor



Compression Elbow



Tee Adaptor

Available From:

PipesDirect



Unit 7 Oakhurst Business Park
Wilberforce Way
Southwater
West Sussex
RH13 9RT

Telephone 01403 731 322
Fax 01403 730 276

www.pipesdirect.co.uk