



**SOLAR FLEX**



**APPLICATION AREAS**

- Solar energy applications
- Collector and solar boiler connections
- Hot water applications
- Drinking water connections

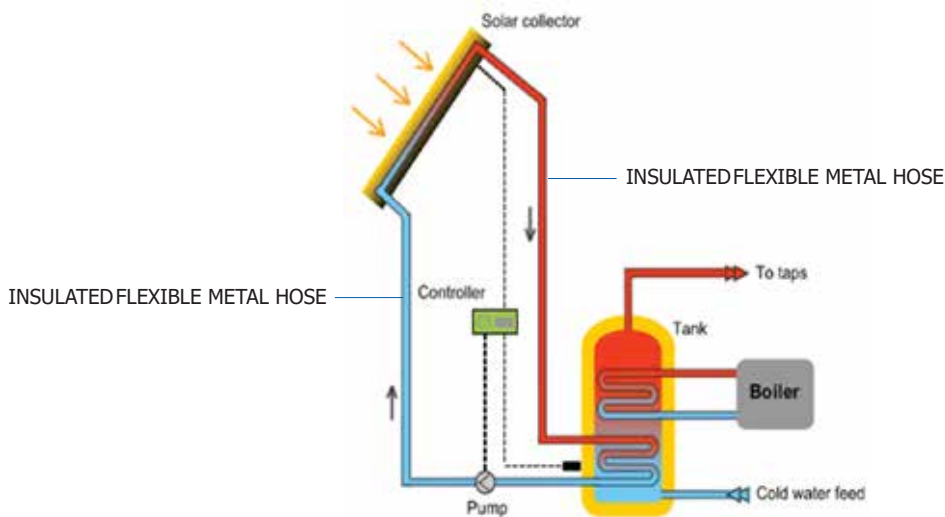
**PRODUCT SPECIFICATION**

Standard or open pitch corrugated metal hose	Hose Type
Stainless Steel AISI 316L / 304	Hose Material
Separable Polyamide braiding or non braided	Braiding Material
Silicone Cable	Sensor Cable
EPDM, rubber based insulation	Insulation Material
9mm/13mm	Insulation Thickness



COIL				
Diameter (DN)	DN12	DN16	DN20	DN25
Max. Length (m)	10-50	10-50	10-50	10-50

BOBBIN				
Diameter (DN)	DN12	DN16	DN20	DN25
Max. Length (m)	150	150	125	100



STANDARD CORRUGATED HOSE DIMENSIONS							
DN	Model	Internal Diameter	Outer Diameter	Tolerance	Minimum Bending Radius	Nominal Bending Radius	Nominal Pressure ( PN ) DIN EN ISO 10380/SF4
		mm	mm	mm	rmin (mm)	rn (mm)	
OPEN PITCH CORRUGATED HOSE DIMENSIONS							
12	Non-braided	11,8	15,8	0,2	20	165	16
16	Non-braided	16,6	21,4	0,2	25	195	10
20	Non-braided	20,9	26,4	0,2	30	225	10
25	Non-braided	25,1	31,8	0,3	35	260	6
32	Non-braided	32,8	39,6	0,3	40	300	4



**SOLAR FLEX**  
**SOLAR FITTINGS**



**PRODUCT SPECIFICATION**

Fittings Material MS 58 Brass

Fittings Types:  
Externally Threaded  
Internally Threaded  
Adapter  
Welded End  
Ermeto Nut

Male		Female		Adapter		Welded End		Ermeto Nut		
Hose Dia.	Con. Size	Hose Dia.	Con. Size	Hose Dia.	Con. Size	Hose Dia.	Con. Size	Hose Dia.	Con. Size	Hose Dia.
DN12 x 1/2"		DN12 x 1/2"		DN12 x DN12		DN12 x 15 mm		DN12 x 15 mm		DN20 x 18 mm
DN12 x 3/4"		DN12 x 3/4"		DN16 x DN16		DN16 x 15 mm		DN12 x 18 mm		DN20 x 20 mm
DN16 x 1/2"		DN16 x 1/2"		DN20 x DN20		DN16 x 18 mm		DN12 x 22 mm		DN20 x 22 mm
DN16 x 3/4"		DN16 x 3/4"		DN25 x DN25		DN16 x 22 mm		DN16 x 15 mm		DN25 x 18 mm
DN16 x 1"		DN16 x 1"				DN20 x 18 mm		DN16 x 18 mm		DN25 x 22 mm
DN20 x 3/4"		DN20 x 3/4"				DN20 x 22 mm		DN16 x 22 mm		
DN20 x 1"		DN20 x 1"								
DN25 x 1"		DN25 x 1"								
DN25 x 1 1/4"		DN25 x 1 1/4"								



**SOLAR FLEX**  
**SOLAR PANEL FITTINGS**

HOSE DIMENSIONS	DN	CONNECTION	LENGTH (mm)
	12	1/2"x1/2"	50
	16	3/4"x3/4"	
	20	1"x1"	100



**APPLICATION AREAS**

Solar collector connections



**PRODUCT SPECIFICATION**

Hose Type Closed pitch corrugated highly flexible metal hose  
Hose Material Stainless Steel AISI 316L  
Fittings Material MS 58 Brass  
Fittings Types Female-Female, Male-Male, Welded Ends, Push Connector, Press Type

