

# MF 013

## Flexible Corrugated Stainless Steel Hose

High Pressure Hose  
Standard Pitch

# SOLAR<sup>®</sup>

## METAL FLEX

SOLAR Metal Flex San. Ve Tic. Ltd. Şti.  
TMOSB 10.Sok. No:4 TR-34959 İstanbul  
Tel.: +90 216 593 19 49  
[info@solarmetalflex.com.tr](mailto:info@solarmetalflex.com.tr)

### MF 013 S00

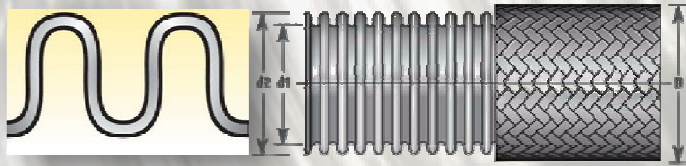
without  
braiding

### MF 013 S01

with single  
braiding

### MF 013 S02

with double  
braiding



#### Corrugation specification:

- \* Standard pitch
  - \* High pressure hose
- Technical drawings with indicated dimension are available for each diameter on request.

#### Available types:

- \* MF013 S00 without braiding
- \* MF013 S01 with single braiding
- \* MF013 S02 with double braiding

#### Material of Hose:

Non-corroding austenitic steel due to DIN EN 10088-2, blank

- \* DN6 to DN50:

Standard material 1.4404 (AISI 316L)  
Different materials on request

#### Material of Braiding:

- \* Material 1.4301 (AISI 304)



#### Temperature Range:

-270 °C to max. 600 °C  
(valid for the hose)

#### Quality inspection:

The corrugated stainless steel hose is inspected due to the DIN EN ISO 10380 standard.

#### Operating Pressure:

The specification of the operating pressure follows the DIN EN ISO 10380 standard. The operating pressures at 20 °C have been determined in consideration of a safety coefficient of 4. The sheet shows the nominal pressure and working pressure.

MF013 Standard Pitch		Dimensions			Bend Radius		Working Pressure	Nominal Pressure	Weight
DN	Type	d1	d2 D	Tolerans d1 d2 D	Static	Dynamic	Bar / at 20°C	ISO 10380	± 10%
							[mm]	[PN]	[kg/m]
6	MF 013 S00	6,0	10,2	± 0,3	15	140	43	40	0,151
	MF 013 S01		11,6				150	0,196	
	MF 013 S02		12,6				250	0,256	
8	MF 013 S00	8,1	12,8	± 0,3	20	180	30	25	0,212
	MF 013 S01		14,5				150	0,262	
	MF 013 S02		16,0				250	0,322	
10	MF 013 S00	10,0	16,0	± 0,3	25	220	30	25	0,294
	MF 013 S01		17,6				100	0,362	
	MF 013 S02		19,1				150	0,432	
12	MF 013 S00	12,1	18,7	± 0,3	30	250	30	25	0,373
	MF 013 S01		20,4				100	0,590	
	MF 013 S02		21,9				150	0,800	
16	MF 013 S00	16,2	24,4	± 0,3	40	300	20	20	0,583
	MF 013 S01		26,3				65	0,866	
	MF 013 S02		28,4				90	1,150	