

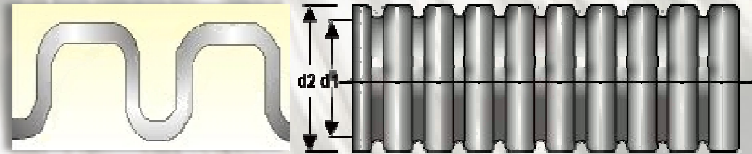
# MF 016

## Flexible Corrugated Stainless Steel Hose

Trapez pitch

### MF 016 S00

without braiding



#### Corrugation specification:

- \* Ekstra wide pitch
- \* Low flexibility

Technical drawings with indicated dimension are available for each diameter on request.

#### Available types:

- \* MF016 S00 without braiding

#### Material of Hose:

Non-corroding austenitic steel due to DIN EN 10088-2, blank  
Standard material 1.4404 (AISI 316L)  
Different materials on request

#### Material of Braiding:

- \* Without braiding

#### Temperature Range:

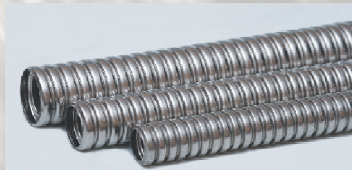
-270 °C to max. 600 °C  
(valid for the hose)

#### 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.



# SOLAR<sup>®</sup>

## METAL FLEX

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MF016 Trapez 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%	
					r min [mm]	r min [mm]	[bar]	[PN]	[kg/m]	
12	1/2"	MF 016 S00	12,3	15,8	± 0,2	20	Not suitable for dynamic loads	23	20	0,100
16	5/8"	MF 016 S00	16,5	20,3		25		18	16	0,138
20	3/4"	MF 016 S00	20,5	24,9		30		12	10	0,158
25	1"	MF 016 S00	26,7	30,6		35		12	10	0,184
32	1 1/4"	MF 016 S00	34,2	38,6		35		6	6	0,298