

MF 011

Flexible Corrugated Stainless Steel Hose

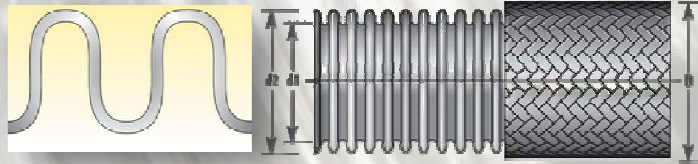
Standard pitch

MF 011 S00

without braiding

MF 011 S01

with single braiding



Corrugation specification:

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

Available types:

- * MF011 S00 without braiding
- * MF011 S01 with single braiding

Material of Hose:

Non-corroding austenitic steel due to DIN EN 10088-2, blank
* DN6 to DN50:
Standard material 1.4404 (AISI 316L)
* DN65, DN80 and DN100:
Standard material 1.4541 (AISI 321)
Different materials on request

Material of Braiding:

- * Material 1.4301 (AISI 304)

Temperature Range:

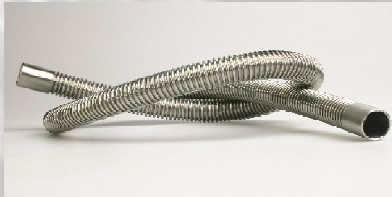
-270 °C to max. 600 °C
(valid for the hose)

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.



SOLAR[®]

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

MF011 Standard pitch		Dimensions			Bend Radius		Working Pressure	Nominal Pressure	Weight	
DN	Type	d1	d2	Tolerans d1 d2 D	Static	Dynamic	Bar / at 20°C	ISO 10380	± 10%	
			D							r min [mm]
[mm]	[inch]	[mm]	[mm]	[mm]	r min [mm]	r min [mm]	[bar]	[PN]	[kg/m]	
6	1/4"	MF 011 S00 MF 011 S01	6,2	9,8	± 0,2	15	80	24	20	0,072
				10,7				125	100	0,156
8	5/16"	MF 011 S00 MF 011 S01	8,2	12,3	± 0,2	16	125	17	16	0,086
				13,7				125	100	0,208
10	3/8"	MF 011 S00 MF 011 S01	10,3	14,3	± 0,2	18	129	9	6	0,101
				15,6				100	100	0,216
12	1/2"	MF 011 S00 MF 011 S01	12,2	16,7	± 0,2	20	139	9	6	0,116
				18,1				85	65	0,258
16	5/8"	MF 011 S00 MF 011 S01	16,2	21,6	± 0,2	28	160	7	6	0,200
				23,1				75	65	0,404
20	3/4"	MF 011 S00 MF 011 S01	20,2	26,8	± 0,2	32	169	6	6	0,272
				28,4				55	50	0,524
25	1"	MF 011 S00 MF 011 S01	25,4	32,2	± 0,3	40	190	3	2,5	0,336
				34,3				64	50	0,694
32	1 1/4"	MF 011 S00 MF 011 S01	34,3	41,1	± 0,3	50	258	2,5	2,5	0,428
				43,0				44	40	1,030
40	1 1/2"	MF 011 S00 MF 011 S01	40,1	49,8	± 0,3	60	298	2,5	2,5	0,706
				52,0				50	50	1,348
50	2"	MF 011 S00 MF 011 S01	50,3	60,3	± 0,4	70	320	1,6	0,5	0,894
				62,5				34	25	1,604
65	2 1/2"	MF 011 S00 MF 011 S01	65,1	78,1	± 0,5	115	460	0,5	0,5	1,365
				81,1				25	25	2,500
80	3"	MF 011 S00 MF 011 S01	79,7	94,7	± 0,5	130	660	2,5	2,5	2,210
				97,6				25	25	3,524
100	4"	MF 011 S00 MF 011 S01	99,6	116,5	± 0,5	160	750	2,5	2,5	2,656
				118,8				25	25	4,336