SOLAR

Flexible Metal Hoses

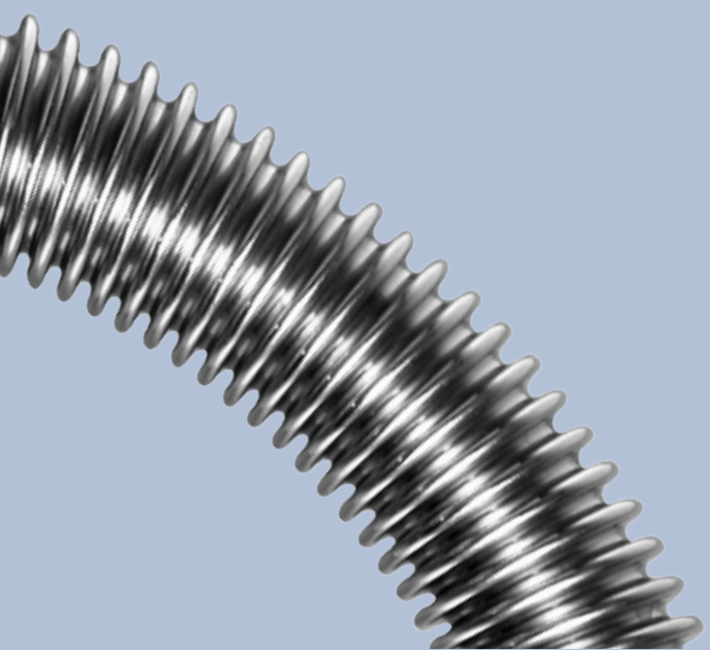
KLINGER India

Solar-type hoses are products with more open pitch than standard type hoses.

They are lighter than standard hoses. They have a high surface area for excellent heat transfer.

Due to the use of 316L stainless steel, it can be used in drinking water, food production and hygiene needs.

In line with customer demands, 10mt.-20mt.- 25mt.-50mt.-100mt. such as desired lengths, or It can be shipped with reels up to 1500mt.



Advantages

- Easy installation with its flexible body and screwed fittings
- Lightweight and easy to transport
- Large surface areas
- Excellent heat transfer properties
- Can be supplied in one long piece lengths
- Applicable to heat pump and hybrid systems

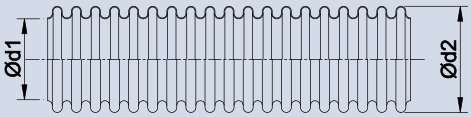
Applications

- Solar energy systems
- Static usage areas
- Hot & Cold water pipelines

DESIGN VALUES

Without Braid	MH 211 OG
Hose Material	304, 316L, 321
Working Pressure	0-21 barg
Sizes	DN12-DN50





211 OG

DN		Type	d1	d2	Tolerance	Bending Radius	Working Pressure at 20°C	Surface Area	Weight	Length
mm	inch		mm	mm	mm	mm	barg	m^2/m	kg/m	m
12	1/2"	MH 211 OG	12,4	16,5	± 0,3	20	21	0,072	0,085	10-100
16	5/8"	MH 211 OG	16,3	21,4	± 0,3	25	16	0,096	0,136	10-100
20	3/4"	MH 211 OG	20,4	26,7	± 0,3	30	10	0,136	0,192	10-100
25	1"	MH 211 OG	25,4	31,9	± 0,4	35	10	0,174	0,273	10-100
32	1 1/4"	MH 211 OG	34,5	41,1	± 0,4	40	4	0,203	0,35	10-100
40	1 1/2"	MH 211 OG	40,5	49,6	± 0,4	50	4	0,285	0,56	10-100
50	2"	MH 211 OG	50,7	60,1	± 0,4	60	3	0,35	0,686	10-100

Subject to technical alterations.
KLINGER Industrial Products India Pvt. Ltd. #6 Tarana, 1st Floor,
GoodEarth Malhar, Kambipura, Kengeri, Bengaluru 560074, Karnataka,
India. Tel +91 8618523021 / +91 80 2990 9572 / e-mail: info@klinger.in