

MASTER-SIL 1

Ref 000493

Medium and high temperature hose for temperatures up to +250 °C



Hydrolysis resistant

Microbe resistant

Compressible

Very flexible

Light

Moderately pressure resistant

-60 to +250 °C

CONSTRUCTION & MATERIALS

- Construction: single or multi-layer spiral hose made of vulcanized fabric strips
- Spiral Design: made of steel wire
- Material of the spiral: spring steel
- Wall: single layer executed / coating in silicone
- Wall material: glass fibre fabric
- Design of the cord: designed as cord
- Material of the cord: glass fibre yarn

PROPERTIES

- Chemical resistance: good resistance to chemicals
- Mechanical: kink-proof
- Flexibility: very flexible
- Weight: light
- Pressure: moderately pressure resistant
- Colour: red

TEMPERATURE

- Operating range: -60 to 250 °C
- Short-term peak: +70 °C bis +300 °C
- Proper use: in the maximum lower and upper temperature ranges, suitable only for static applications

APPLICATIONS & INDUSTRIES

- Applications: Plant & Mechanical Engineering / aviation technology / Ventilation & Air-conditioning / Bulk & Construction / Sea & Rail transport / Chemistry / Plastics / Printing & Paper / Vehicle Construction

VARIANT SPECIFICATIONS

37 sizes · DN 13 to 305 mm

Article no.	DN (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000493:13:x	13	8	0.10	1.70	0.51
000493:19:x	19	8	0.11	1.60	0.50
000493:25:x	25	8	0.12	1.60	0.50
000493:30:x	30	10	0.14	1.40	0.49
000493:32:x	32	10	0.14	1.40	0.49
000493:38:x	38	12	0.17	1.30	0.49
000493:41:x	41	13	0.20	1.30	0.47
000493:44:x	44	14	0.21	1.20	0.45
000493:45:x	45	14	0.21	1.20	0.45
000493:51:x	51	16	0.25	1.20	0.42
000493:55:x	55	18	0.27	1.10	0.41
000493:57:x	57	18	0.28	1.10	0.40
000493:60:x	60	20	0.30	1.10	0.39
000493:63:x	63	22	0.32	1.10	0.38
000493:65:x	65	22	0.34	1.10	0.37
000493:70:x	70	24	0.36	1.10	0.35
000493:76:x	76	27	0.41	1.10	0.33
000493:80:x	80	28	0.44	1.00	0.31
000493:83:x	83	28	0.46	1.00	0.30
000493:90:x	90	29	0.49	1.00	0.29
000493:95:x	95	32	0.56	0.90	0.28
000493:102:x	102	35	0.65	0.90	0.26
000493:108:x	108	38	0.68	0.90	0.24
000493:110:x	110	38	0.69	0.90	0.24
000493:114:x	114	40	0.71	0.90	0.22
000493:120:x	120	43	0.76	0.80	0.20
000493:127:x	127	46	0.80	0.80	0.17
000493:130:x	130	47	0.82	0.80	0.17
000493:140:x	140	48	0.90	0.70	0.15
000493:152:x	152	51	0.99	0.70	0.14
000493:160:x	160	53	1.05	0.60	0.13
000493:165:x	165	55	1.08	0.60	0.12
000493:180:x	180	60	1.19	0.60	0.11
000493:203:x	203	68	1.33	0.50	0.07
000493:229:x	229	84	1.48	0.40	0.06
000493:254:x	254	102	1.68	0.40	0.04
000493:305:x	305	123	2.05	0.20	0.02

Lengths. Supplied in standard stock lengths – see flex-appeal.co.uk for available sizes.