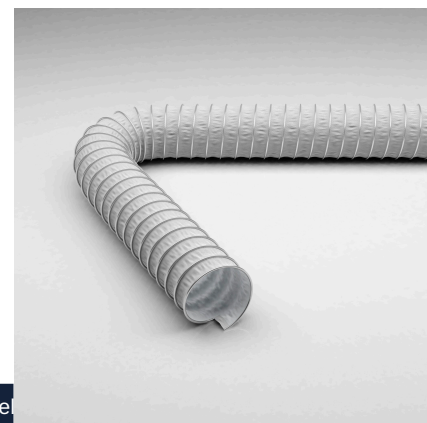


MASTER-CLIP ISO-SILICON

Ref 000293

Medium and high temperature hose for temperatures up to +300°C



Hydrolysis resistant

Microbe resistant

Compressible

Very flexible

Light

Moderate

-60 to +300 °C

CONSTRUCTION & MATERIALS

- Type of construction: spiral hose with clamping profile
- Design of the helix: metal band, formed as a clamping profile
- Material of the helix: steel strip, hot-dip galvanised
- Design of the external spiral: designed as an additional protective profile
- Execution of the wall: double-layered
- Specifications of the wall: flame retardant
- Design of the inner layer: heat-resistant impregnation
- Material of the inner layer: glass fabric
- Execution of the external layer: coating in silicone
- Material of the outer layer: glass fabric

PROPERTIES

- Chemical Properties: good UV resistance / good ozone resistance
- Mechanical Properties: compressible approx. 1:4
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: silver grey

TEMPERATURE

- Temperature Range: -60 to 300 °C
- short-term maximum temperature: +350 °C
- proper use: for flue gas temperatures >+250 °C, suitable only for negative pressure applications with a minimum fresh air supply of 25% at the maximum specified temperature

APPLICATIONS & INDUSTRIES

aviation technology / Ventilation & Air-conditioning / Sea & Rail transport / Vehicle Construction

VARIANT SPECIFICATIONS

37 sizes · DN 50 to 900 mm

Article no.	DN (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000293:100:x	100	60	0.70	0.30	0.09
000293:110:x	110	66	0.80	0.26	0.08
000293:120:x	120	72	0.80	0.22	0.07
000293:125:x	125	75	0.90	0.21	0.06
000293:130:x	130	78	0.90	0.20	0.06
000293:140:x	140	84	0.90	0.18	0.05
000293:150:x	150	90	1.00	0.16	0.04
000293:160:x	160	96	1.00	0.14	0.04
000293:170:x	170	102	1.00	0.13	0.03
000293:175:x	175	105	1.10	0.12	0.03
000293:180:x	180	108	1.10	0.12	0.03
000293:200:x	200	120	1.30	0.10	0.02
000293:215:x	215	151	1.40	0.09	0.02
000293:225:x	225	158	1.60	0.08	0.02
000293:250:x	250	175	1.80	0.07	0.02
000293:275:x	275	193	2.10	0.06	0.01
000293:300:x	300	210	2.30	0.05	0.01
000293:315:x	315	221	2.30	0.05	0.01
000293:325:x	325	228	2.40	0.05	0.01
000293:350:x	350	245	2.80	0.04	0.01
000293:375:x	375	263	3.20	0.04	0.01
000293:400:x	400	280	3.40	0.03	0.01
000293:450:x	450	360	4.00	0.03	0.01
000293:50:x	50	30	0.50	0.85	0.38
000293:500:x	500	400	4.50	0.02	0.01
000293:55:x	55	33	0.50	0.78	0.31
000293:550:x	550	440	5.10	0.02	0.01
000293:60:x	60	36	0.60	0.68	0.26
000293:600:x	600	480	5.60	0.02	0.01
000293:65:x	65	39	0.60	0.59	0.22
000293:70:x	70	42	0.60	0.53	0.19
000293:700:x	700	560	6.60	0.01	0.01
000293:75:x	75	45	0.70	0.47	0.17
000293:80:x	80	48	0.70	0.43	0.15
000293:800:x	800	640	7.60	0.01	0.01
000293:90:x	90	54	0.70	0.36	0.12
000293:900:x	900	720	8.60	0.01	0.01

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