

MASTER-CLIP PTFE S EL

Ref 000373

Suction & Blower hose for corrosive media up to +250°C, electroconductive, double-layered



Very flexible

Light

Moderately pressure resistant

-70 to +250 °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: multi-layered and coated
- Design of the inner layer: made of electrically conductive material
- Material of the inner layer: PTFE foil
- Specifications of the inner layer: surface resistance $R_0 < 10^6 \text{ Ohm}$
- Execution of the external layer: coating in silicone
- Material of the outer layer: glass fabric

PROPERTIES

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU
- Chemical Properties: good resistance to chemicals / weather-resistant / good UV resistance / good ozone resistance
- Mechanical Properties: compressible approx. 1:4
- Flexibility: very flexible
- Physical Properties: heat-resistant / cold-resistant
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: black
- Other: optimal transport of media because the inside of the hose wall is anti-adhesive

TEMPERATURE

- Temperature Range: -70 to 250 °C
- short-term maximum temperature: peaks to 270 °C

APPLICATIONS & INDUSTRIES

Plant & Mechanical Engineering / Ventilation & Air-conditioning / Bulk & Construction / Chemistry / Surface Technology / Food & Pharma / Plastics / Metal & Toolmaking

STANDARDS & COMPLIANCE

- TRGS 727, ATEX 2014/34 EU

VARIANT SPECIFICATIONS

37 sizes · DN 50 to 900 mm

Article no.	DN (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000373:50:x	50	30	0.50	0.85	0.35
000373:55:x	55	33	0.50	0.78	0.29
000373:60:x	60	36	0.60	0.68	0.24
000373:65:x	65	39	0.70	0.59	0.21
000373:70:x	70	42	0.70	0.53	0.17
000373:75:x	75	45	0.80	0.47	0.15
000373:80:x	80	48	0.80	0.43	0.14
000373:90:x	90	54	0.90	0.36	0.11
000373:100:x	100	60	1.00	0.30	0.09
000373:110:x	110	66	1.10	0.26	0.07
000373:120:x	120	72	1.10	0.22	0.06
000373:125:x	125	75	1.20	0.21	0.05
000373:130:x	130	78	1.20	0.20	0.05
000373:140:x	140	84	1.30	0.18	0.05
000373:150:x	150	90	1.30	0.16	0.04
000373:160:x	160	96	1.30	0.14	0.03
000373:170:x	170	102	1.40	0.13	0.03
000373:175:x	175	105	1.40	0.12	0.03
000373:180:x	180	108	1.40	0.12	0.03
000373:200:x	200	120	1.60	0.10	0.02
000373:215:x	215	151	1.80	0.09	0.02
000373:225:x	225	158	2.00	0.08	0.02
000373:250:x	250	175	2.10	0.07	0.02
000373:275:x	275	193	2.30	0.06	0.01
000373:300:x	300	210	2.40	0.05	0.01
000373:315:x	315	221	2.60	0.05	0.01
000373:325:x	325	228	2.80	0.05	0.01
000373:350:x	350	245	3.30	0.04	0.01
000373:375:x	375	263	3.50	0.04	0.01
000373:400:x	400	280	3.80	0.03	0.01
000373:450:x	450	360	4.20	0.03	0.01
000373:500:x	500	400	4.70	0.02	0.01
000373:550:x	550	440	5.30	0.02	0.01
000373:600:x	600	480	5.90	0.02	0.01
000373:700:x	700	560	6.90	0.01	0.01
000373:800:x	800	640	7.60	0.01	0.01
000373:900:x	900	720	8.20	0.01	0.01

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