

MASTER-CLIP PTFE H EL SS

Ref 000369

Suction & Blower hose for corrosive media up to +175°C, electroconductive, double-layered



Antistatic

Electrically conductive

Hydrolysis resistant

Microbe resistant

Compressible

Moderately pressure resistant

–40 to +175 °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 design
- 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: HYPALON® coating
- Material of the outer layer: Polyester 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
- Outer protective spiral: stainless steel, W4 quality (1.4301)

TEMPERATURE

- Temperature Range: –40 to 175 °C
- short-term maximum temperature: peaks to 190 °C

APPLICATIONS & INDUSTRIES

Automotive / Plant & Mechanical Engineering / Ventilation & Air-conditioning / Chemistry / Surface Technology / Waste Disposal & Cleaning Technology / Plastics

STANDARDS & COMPLIANCE

- TRGS 727, ATEX 2014/34 EU

VARIANT SPECIFICATIONS

39 sizes · DN 38 to 900 mm

Article no.	DN (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000369:38:x	38	23	0.50	0.94	0.52
000369:40:x	40	24	0.50	0.93	0.51
000369:45:x	45	27	0.50	0.92	0.48
000369:50:x	50	30	0.50	0.90	0.43
000369:55:x	55	33	0.50	0.85	0.36
000369:60:x	60	36	0.60	0.78	0.30
000369:65:x	65	39	0.70	0.68	0.26
000369:70:x	70	42	0.70	0.67	0.22
000369:75:x	75	45	0.80	0.62	0.19
000369:80:x	80	48	0.80	0.61	0.17
000369:90:x	90	54	0.90	0.56	0.13
000369:100:x	100	60	1.00	0.51	0.11
000369:110:x	110	66	1.10	0.48	0.09
000369:120:x	120	72	1.10	0.36	0.08
000369:125:x	125	75	1.20	0.33	0.07
000369:130:x	130	78	1.20	0.28	0.06
000369:140:x	140	84	1.30	0.25	0.06
000369:150:x	150	90	1.30	0.22	0.05
000369:160:x	160	96	1.30	0.21	0.04
000369:170:x	170	102	1.40	0.19	0.04
000369:175:x	175	105	1.40	0.19	0.04
000369:180:x	180	108	1.40	0.17	0.03
000369:200:x	200	120	1.60	0.15	0.03
000369:215:x	215	151	1.80	0.13	0.03
000369:225:x	225	158	2.00	0.12	0.02
000369:250:x	250	175	2.10	0.10	0.02
000369:275:x	275	193	2.30	0.08	0.02
000369:300:x	300	210	2.40	0.07	0.01
000369:325:x	325	228	2.80	0.06	0.01
000369:350:x	350	245	3.30	0.06	0.01
000369:375:x	375	263	3.50	0.05	0.01
000369:400:x	400	280	3.80	0.05	0.01
000369:450:x	450	360	4.20	0.05	0.01
000369:500:x	500	400	4.70	0.04	0.01
000369:550:x	550	440	5.30	0.04	0.01
000369:600:x	600	480	5.90	0.04	0.01
000369:700:x	700	560	6.90	0.03	0.01
000369:800:x	800	640	7.60	0.02	0.01
000369:900:x	900	720	8.20	0.02	0.01

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