VACUFLEX®

made in Germany

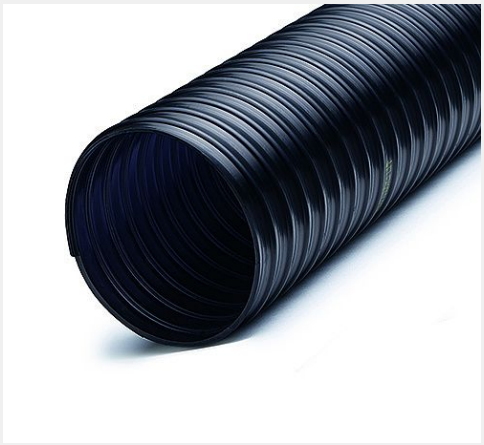
P7 M PU EL

ATEX compliant abrasion resistant TPU hose

- electrically conductive
- hydrolysis and microbe resistant
- abrasion resistance

MEDIUM

PROPERTIES



Structure:
Medium heavy duty and flexible hose, made out of conductive TPU Ether, black with spring steel wire - suitable for ATEX areas

Characteristics:

Electrically conductive (R ≤ 10^4 Ohm), conform to ATEX-guideline 2014/34/EU, TRBS 2153 and for aspiration; also conform to TRGS 727. Resistant to hydrolysis and microbes, smooth bore, excellent abrasion resistance, good flexibility, good resistance to oil and petrol, solid construction

Applications:
Conveying of abrasive materials, transport of granules, in a number of applications including hazardous (ATEX) areas

Temperature range:
-40°C up to +90°C short term up to +125°C

Colour:
Black

Specials:
available in various wall thicknesses and in conductive Polyethylene (PE-EL)

I.D. Ø mm	WallthicknessØ mm	r(mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure	Part no.
32	1,40	48	0,38	900	3,00	5347M40320/998
35	1,40	53	0,45	800	2,60	5347M40350/998
38	1,40	57	0,52	750	2,40	5347M40380/998
40	1,40	60	0,56	700	2,30	5347M40400/998
50	1,40	75	0,67	600	1,90	5347M40500/998
60	1,40	90	0,79	550	1,80	5347M40600/998
75	1,40	113	0,98	500	1,20	5347M40750/998

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Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will pleased to advice you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)
Stand: 10/2021

I.D. Ø mm	WallthicknessØ mm	r(mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure	Part no.
80	1,40	120	1,09	450	1,20	5347M40800/998
90	1,40	135	1,23	450	1,10	5347M40900/998
100	1,40	150	1,36	400	1,10	5347M401000/998
110	1,40	165	1,38	350	1,00	5347M401100/998
120	1,40	180	1,42	300	0,90	5347M401200/998
125	1,40	188	1,54	250	0,80	5347M401250/998
140	1,40	210	1,75	200	0,70	5347M401400/998
150	1,40	225	1,82	200	0,70	5347M401500/998
160	1,40	240	2,15	200	0,60	5347M401600/998
180	1,40	270	2,55	150	0,50	5347M401800/998
200	1,40	300	2,92	150	0,50	5347M402000/998
225	1,40	338	3,25	100	0,40	5347M402250/998
250	1,40	375	3,57	100	0,30	5347M402500/998
300	1,40	450	4,31	100	0,30	5347M403000/998

Further diameters upon request.

State: 16.10.2021

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