DUST SPARES
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PU Anti-Static - Heavy Duty Flexible Ducting

PU Suction & Transport Hose,
Very flexible,
Anti static,
Microbe-resistant,
Hardly inflammable acc.to DIN 4102 B1

Material

- Spiral: spring steel wire
- Wall: pure polyester polyurethane (acc. to DIN ISO 4649 more abrasion-resistant in comparison to polyether polyurethane)
- Wall thickness between spirals approx. 1.4 mm

Temperature Range

- -40°C to +90°C
- peaks to +125°C

Properties

- Hardly inflammable acc. to DIN 4102 B1
- Small bending radius
- Heavy duty
- Microbe-resistant
- Good flexibility
- Permanently anti static, surface resistance < 109 Ohm
- Approved acc. to TRGS 727 and ATEX 2014/34 EU. Details acc. to certificate
- Increased pressure and vacuum resistance
- Halogen and plasticizer-free
- Optimum flow characteristics
- Highly abrasion-resistant
- Good resistance to chemicals, oil and fuel
- High tensile strength
- Generally good UV and ozone resistance

Applications

- Suction of coarse-grained media with high flow rate
- Granulate transport hose
- For abrasive solids, gaseous and liquid media
- Standard hose for industrial vacuum cleaners
- Transport of chips/shavings

Oil mist extraction/suction

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m
mm	bar	bar	mm	mm	kg
13	4.7	0.92	38	19	0.15
16	4.5	0.92	40	22	0.2
20	4.3	0.92	43	26	0.22
25*	4.19	0.92	46	32	0.28
26	4.16	0.92	47	33	0.29
30	3.25	0.92	51.3	39.2	0.32
32	3.25	0.92	60	41	0.39
38	3.12	0.82	69	47	0.46
40	3	0.82	72	49	0.49
45	2.95	0.81	80	55	0.55
50*	2.82	0.82	86	60	0.66
51	2.9	0.82	87	61	0.71
55	2.75	0.76	95	65	0.77
60	2.55	0.74	102	70	0.84
63	2.49	0.71	106	72.6	0.87
65	2.4	0.66	112	75	0.91
70	2.25	0.66	117	80	0.97
75*	2.05	0.63	125	85	1.05
76	2	0.59	126	87	1.06
80	2	0.59	132	91	1.11
90	1.65	0.52	149	101	1.25
100*	1.54	0.45	163	110	1.43
102	1.5	0.44	165	112	1.48
110	1.35	0.46	179	121	1.61
115	1.35	0.31	186	126	1.68
120	1.3	0.31	194	131	1.75
125*	1.3	0.31	201	136	1.89
127	1.3	0.31	203	138	1.91
130	1.3	0.31	209	141	1.96
140	1.05	0.26	224	151	2.11
150*	1.05	0.26	240	161	2.31
152	1.05	0.26	242	163	2.29
160	0.9	0.25	255	171	2.51
170	0.9	0.18	270	181	2.67
175*	0.9	0.18	278	186	2.74
180	0.75	0.18	285	191	2.82
200*	0.75	0.18	316	212	3.42
203	0.75	0.18	321	215	3.5
225	0.6	0.12	353	237	3.65
250	0.6	0.12	390	263	3.91
254*	0.58	0.12	396	267	3.91
275*	0.45	0.12	426	288	4.22
280*	0.45	0.12	435	293	4.3
300	0.45	0.12	465	313	4.94
315*	0.45	0.12	488	328	5.19
325*	0.45	0.12	503	338	5.35
350	0.45	0.12	540	363	6.96
375*	0.3	0.07	580	388	7.45
400	0.3	0.07	615	413	7.95
450*	0.3	0.07	690	463	8.94
500*	0.3	0.07	765	513	9.93