



Hose Abraflex MD AS, medium duty abrasive PU suction & blower hose, Ω



Application

- suction and blower hose for abrasive solids such as powder, chips and granulates
- for aqueous vapors we recommend the Abraflex MD Food hose, this hose is resistant against hydrolysis
- good resistance to oil and petrol vapors

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temperature range

- -40 °C to +90 °C
- peaks at +125 °C

Properties

- polyurethane profile, extremely wear resistant, with a completely embedded steel spiral, thickness polyurethane around 1,5 mm
- smooth tube, corrugated cover
- flow direction is shown by an arrow on the hose
- stays flexible, also at low temperatures
- plasticiser and halogen-free
- gas and liquid tight
- UV and ozone resistant
- this hose is flame retardant
- electronic discharge through spiral
- special antistatic PUR [R < 1 G Ω]

Approvals/regulations

UL94-V2

Connections

free of choice or to be mounted directly on pipe

Assembly

worm drive clamps type Spiralex or aluminum safety clamps

Spiralex hose clamp

The Spiralex hose clamp has a "bridge" profile which prevents leakage from under the spiral.

Internal diameter	Wall thickness	Outer diameter	Maximum operating pressure	Minimum burst pressure	Vacuum-resistance at 20 °C	Minimum bending radius	Roll length	Weight	Article
mm	mm	mm	bar	bar	%	mm	m	kg/m	
13	3.5	20	4.5		100	14	10	0.14	11330524
25	3.5	32	3.05		96	32	15	0.28	10015453

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mm	mm	mm	bar	bar	%	mm	m	kg/m	
32	5	42	3		94	42	15	0.44	10015373
35	5	45	2.8	8.4	94	45	15		10069514
38	5	48	2.6		93	48	15	0.52	10015374
40	5	50	3.05	9.15	95	30	15		10015375
45	5	55	2.2	6.6	91	55	15		10015376
50	5	60	2.1		90	60	15	0.66	10015377
55	5	65	1.95	5.85	90	65	15		10015378
60	5	70	1.8	5.4	75	70	15		10015379
65	5	75	1.65		97	75	15	0.84	10015380
70	5.5	81	1.55	4.65	60	97	15		10015381
75	5.5	86	1.45		55	103	10	1.05	10015382
80	5.5	91	1.35	4.05	50	109	10		10015383
90	5.5	101	1.2	3.6	38	121	10		10015384
100	5.5	111	1.09		35	133	10	1.49	10015385
110	5.5	121	0.99	2.97	32	145	10		10015386
125	5.5	136	0.88		26	163	10	1.84	10015388
140	5.5	151	0.78	2.34	21	181	10		10015389
150	5.5	161	0.73		18	193	10	2.41	10015390
175	5.5	186	0.63	1.89	14	223	10		10015392
180	5.5	191	0.61	1.83	13	229	10		10015451
200	6.5	213	0.55		12	256	10	3.12	10015393
225	6.5	238	0.49	1.47	10	286	10		10015452
250	6.5	263	0.44		7	316	10	3.88	10015394
275	6.5	288	0.4	1.2	7	346	10		10069516
300	6.5	313	0.37		6	376	10	5.16	10015395
315	6.5	328	0.32	0.96	6	390	10		10069517
350	6.5	363	0.31	0.93	5	436	10		10069518
400	6.5	413	0.27	0.81	4	496	10		10069519
500	7	514	0.22	0.66	2	617	10		11022273
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