



Hose Abraflex HD AS, heavy duty abrasive PU suction & blower hose, Ω



Application

- very abrasive and robust suction and blower hose for abrasive solids such as glass, sand, grains, granules, gravel, stone chipping etc.
- wear resistant transport hose in the glass industry, quarries, chemical industry, waste processing plants
- good resistance to oil and petrol vapors

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temperature range

- -40 °C to +90 °C
- peaks at +125 °C

Properties

- ester polyurethane profile, with a completely embedded steel spiral, thickness polyurethane 2 to 2,5 mm
- smooth tube, corrugated cover
- flow direction is shown by an arrow on the hose
- stays flexible, even at low temperatures
- plasticiser and halogen-free
- gas and liquid tight
- UV and ozone resistant
- electronic discharge through spiral
- special antistatic PUR [R < 1 G Ω]

Connections

free of choice or to be mounted directly on pipe

Assembly

worm drive clamps type Spiralex HD

Spiralex hose clamp

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

Characteristics

Series: Abraflex

Type: HD AS

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	
32	2	43	4.7		100	116	15	0.68	11010480
38	2	49	4		100	132	15	0.79	10069495

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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	
40	2	51	3.8	11.4	100	138	15	0.82	11057598
50	2	61	3.25		100	165	15	1	10015396
55	2	66	2.95	8.85	100	165	15	1.09	10069496
60	2	71	2.75	8.25	100	192	15	1.18	10015397
65	2	76	2.55		100	205	10	1.27	10069497
75	2	87	2.2		100	235	10	1.46	10015467
80	2	92	2.1	6.3	100	249	10	1.55	11070056
100	2	113	1.91		100	272	10	0.8	10015468
100	2	113	1.91	5.73	100	272	15	2.27	11343690
110	2	123	1.5	4.5	82	369	10	2.38	10069499
115	2	128	1.45	4.35	80	384	10	2.58	10069500
120	2	133	1.4	4.2	78	399	10	2.69	10069501
125	2	138	1.58		88	336	10	0.98	10015462
130	2	143	1.25	3.75	72	429	10	2.9	10069502
140	2	152	1.2	3.6	70	456	10	3.11	10069503
150	2.5	163	1.32		73	435	10	1.4	10015463
160	2.5	173	1.05	3.15	67	519	10	3.91	10069505
175	2.5	188	0.96	2.88	63	658	10	4.26	10069506
180	2.5	193	0.94	2.82	62	676	10	4.38	10015464
200	2.5	214	0.84		55	950	10	4.86	10015465
203	2.5	217				950	10	6.02	13543159
225	2.5	239	0.75	2.25	47	932	10	6.65	10069507
250	2.5	264	0.68		34	1325	10	7.35	10069508
275	2.5	289	0.62	1.86	23	1453	10	8.07	10069509
300	2.5	314	0.57		18	1575	10	8.78	10015466

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