



Air/Fumes

## A-FLEX TPR BLACK

### Properties

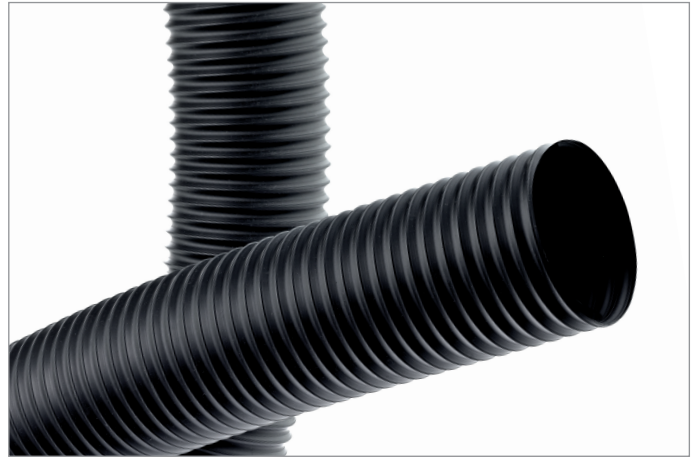
- strong mechanical resistance and exceptional flexibility even at low temperatures
- axial compression of 1:1
- excellent chemical resistance to acid and alkali fumes, alcohols, detergents and solvents
- good ozone and UV resistance.
- elevated thermal and electrical insulation properties

### Applications

- suction of fumes in chemical plants in the presence of acids and solvents
- air movement in high temperature environments
- suction of light dust
- air-conditioning in maritime, civil and industrial environments
- suitable for exposure to UV rays

### Construction

- EPDM based vulcanised thermoplastic rubber film supported by an encapsulated phosphate coated spring steel wire helix



**Code - A8T44....**

**Base Material - EPDM**

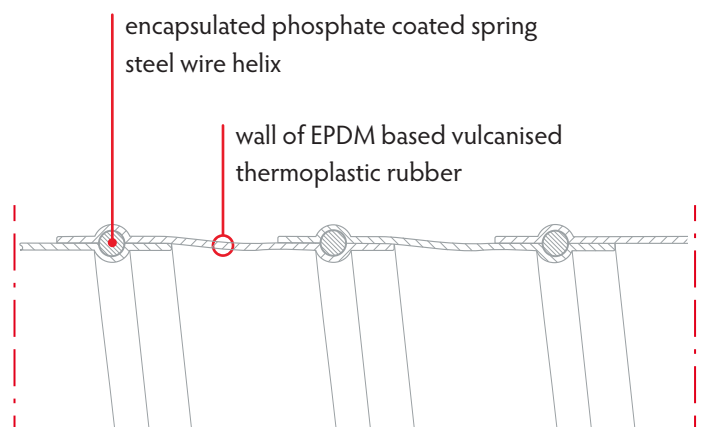
**Operating Temperature -**  $-50 \div +125$  / peaks  $+145$  °C

**Pressure -** n.d.

**Vacuum -**  $0,10 \div 2,04$  mtH<sub>2</sub>O

**Diameter Range -**  $38 \div 600$  mm

**Key Feature -** Spiral hose



continued on next page



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### Standard production

- diameters: 38 ÷ 600 mm
- colour: black
- production lengths up to Ø 90: 20 m
- production lengths up to Ø 249: 15 m
- production lengths from Ø 250: 10 m

### Available on request

- special lengths up to ca. 30 m

inner Ø	weight	bending radius	vacuum
mm	g/m	mm	mtH2O
40	176	32	2,24
45	197	38	2,24
51	222	40	2,24
55	238	45	1,84
60	255	50	1,84
63	267	52	1,53
70	346	60	1,53
76	375	65	1,12
80	394	68	1,12
90	442	75	1,12
102	490	80	1,02
110	528	85	1,02
120	575	92	0,92
127	695	102	0,92
130	711	105	0,92
140	764	110	0,71
152	835	120	0,71
160	878	130	0,71
170	1037	133	0,61
175	1067	140	0,61
180	1097	145	0,61
203	1235	150	0,61
215	1307	155	0,61
225	1367	168	0,61
254	1736	191	0,51
275	1878	210	0,41
305	2081	221	0,31
315	2148	225	0,31
325	2216	240	0,31
356	2425	258	0,31
375	2475	270	0,20
406	2685	285	0,20
450	2973	320	0,10
500	3300	360	0,10
550	3628	430	0,10
600	3955	480	0,10

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications - gen\_18 rbd