



Air/Fumes

A-FLEX TPR4 FR

Properties

- the use of this special soft heavy (20% more than A-FLEX TPR4 hose) textile gives to the hose an excellent mechanical resistance even in the presence of critical temperatures, either high or low
- excellent flexibility, particularly at low temperatures
- compression value (1:1)
- self-extinguishing
- flame retardant
- fire-resistance: Class 1 according to Italian norm UNI 9177
- fume opacity and gases toxicity: Class F3 according to AFNOR: F 16-101, X-10-702 e X-70-100
- excellent chemical resistance acid and solvent fumes
- good ozone and UV resistance

Applications

- chemical fume extraction including acid and solvent fumes
- high temperature air handling
- suction of light dust
- air-conditioning in maritime and industrial environments
- suitable for exposure to UV rays

Construction

- flexible polyester fabric coated with PP/EPDM - Santoprene® supported by an encapsulated and phosphate covered spring steel wire helix



Code - A8P23....IG

Base Material - POLYESTER / TPR

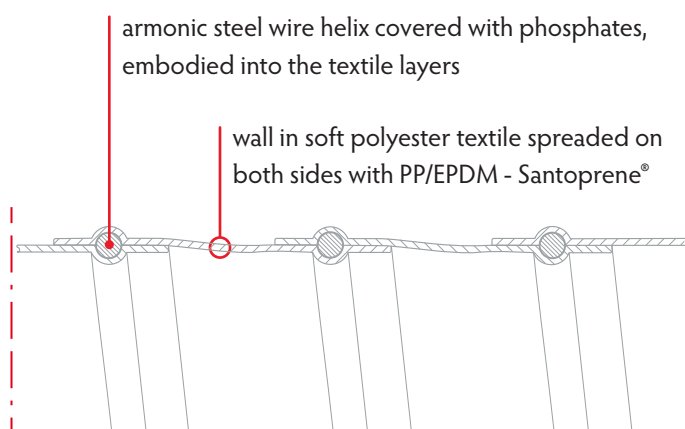
Operating Temperature - $-40 \div +130$ / peaks $+150$ °C

Pressure - $0,01 \div 0,40$ bar

Vacuum - $0,10 \div 3,37$ mH₂O

Diameter Range - $25 \div 710$ mm

Key Feature - Self-extinguishing,
Flame retardant, Spiral hose



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Standard production

- diameters: 25 ÷ 710 mm
- colour: black
- production lengths up to Ø 250: 20 m
- production lengths from Ø 275: 10 m

inner Ø	weight	bending radius	working pressure	vacuum
mm	g/m	mm	bar	mth20
25	109	25	0,40	3,37
30	130	30	0,40	3,26
35	156	35	0,40	3,16
40	177	40	0,40	3,06
45	198	45	0,38	2,86
50	219	50	0,35	2,55
55	241	55	0,35	2,35
60	262	60	0,35	2,04
65	283	65	0,33	1,94
70	233	70	0,30	1,84
75	294	75	0,30	1,22
80	313	80	0,25	1,02
85	332	85	0,25	0,92
90	351	90	0,25	0,82
100	389	100	0,20	0,82
110	427	110	0,18	0,82
115	446	115	0,18	0,82
120	465	120	0,16	0,71
125	484	125	0,15	0,71
130	504	130	0,10	0,71
140	562	140	0,09	0,61
150	516	150	0,08	0,61
160	550	160	0,07	0,61
170	584	170	0,06	0,61
175	601	175	0,06	0,51
180	618	180	0,06	0,51
200	749	190	0,05	0,51
215	804	195	0,05	0,51
225	842	200	0,05	0,51
250	934	220	0,04	0,51
275	1027	240	0,03	0,41
300	1238	260	0,03	0,41
315	1300	270	0,02	0,41
325	1341	290	0,02	0,31
350	1443	310	0,02	0,31
375	1546	340	0,02	0,31
400	2090	360	0,01	0,20
450	2350	390	0,01	0,10
500	2610	420	0,01	0,10
550	2870	450	0,01	0,10
600	3130	480	0,01	0,10
630	3286	500	0,01	0,10
710	3701	570	0,01	0,10

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications - ott_17 rbd