



Air/Fumes

A-FLEX BLACK 150

Properties

- hose made of two-ply thermoplastic elastomer (TPE) with coated spring steel spiral and additional axial and radial yarn reinforcement
- versatile and quality product that is particularly suitable for gaseous and liquid media as well as for universal use in medium temperature applications
- Superior heat resistance
- Highly flexible
- Highly elastic
- Very high tensile strength
- Heavy-duty
- Largely smooth interior
- Very lightweight
- Durable/long service life
- Non-kinking
- Good oil and gasoline resistance
- Good resistance to leach and acids
- Good UV resistance and ozone resistance
- Smallest bending radius
- Good chemical resistance
- Free of plasticizers and halogens
- Conductive when spiral is grounded
- Free of cadmium in accordance with BGR 132 (Industry Association Rules 132)

Applications

- vehicle construction
- mechanical and plant engineering
- suction technology

Construction

- hose made of two-ply thermoplastic elastomer (TPE) with coated spring steel spiral and additional axial and radial yarn reinforcement



Code - A8T24....A

Base Material - TPE

Operating Temperature - $-40 \div +130$ °C

Pressure - $0,25 \div 0,70$ bar

Vacuum - $1,00 \div 4,00$ mtH₂O

Diameter Range - $25 \div 152$ mm

**Key Feature - Suitable for hot environments,
Spiral hose**

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Standard production

- diameters: 25 ÷ 152 mm
- colour: black
- production length: 10 m

Available on request

- other dimensions upon request

inner Ø	outer Ø	working pressure	vacuum	bending radius	coil length
mm	mm	bar	mtH2O	mm	m
25	30	0,70	4,00	25	10
32	37	0,70	3,50	32	10
38	43	0,70	3,00	38	10
44	49	0,65	2,80	44	10
50	55	0,65	2,80	51	10
60	65	0,60	2,50	60	10
63	67	0,60	2,50	63	10
70	75	0,55	2,00	70	10
76	84	0,55	2,00	76	10
80	87	0,55	1,80	80	10
89	95	0,55	1,70	89	10
102	108	0,50	1,50	102	10
114	121	0,45	1,10	114	10
120	127	0,40	1,10	120	10
125	132	0,35	1,10	125	10
152	158	0,25	1,00	152	10

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications - nov_17 rbd