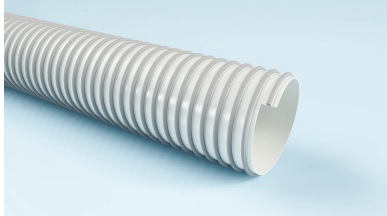


ABRASION-RESISTANT

AIRFLEX® 4500

Highly flexible, kink-resistant PVC suction hose for air, gas, smoke and dust



Highly flexible, kink-resistant suction hose in soft PVC with rigid PVC spiral and corrugated outer cover. For air, gas, smoke and dust, for suction, condensate drainage and cable protection. Highly abrasion-resistant, good chemical resistance and microbe-resistant. Service from -15°C to $+60^{\circ}\text{C}$, to EN ISO 1307:2008.

Media: Gas, Dust

Temp: -15°C to $+60^{\circ}\text{C}$

✓ Cut to length

APPLICATIONS

- Waste gas exhaust
- Extraction units
- Extraction of chemical vapours
- Dust extraction and ventilation
- Air supply and air conditioning
- Condensate drainage
- Cable protection

Technical specifications

Material	Soft PVC with rigid PVC spiral
Colour	Grey
Wall construction	Corrugated outer cover, rigid PVC spiral
Spiral material	rigid PVC
Conveying media	Gas, Dust
Temperature range	-15°C – +60°C
Short-term peak	+60°C
Cut to length	Yes
Manufacturer SKU	4500

Standards and compliance

EN ISO 1307:2008

Dimensions and ordering

The hose is supplied in 23 standard sizes from inner Ø 20 mm to 305 mm. Each size has its own article number. Standard roll lengths are 10, 20, 30, 50 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
20	25	0.6	20	30	0.13	30	4500020000
25	31	0.55	25	50	0.2	50	4500025000
32	38	0.45	32	50	0.24	50	4500032000
38	45	0.45	38	50	0.32	50	4500038000
40	47	0.45	40	50	0.36	50	4500040000
45	52	0.4	45	50	0.41	50	4500045000
51	58	0.4	51	50	0.48	50	4500050000
60	68	0.4	60	50	0.62	50	4500060000
63	72	0.4	63	50	0.66	50	4500063000
70	79	0.4	70	50	0.76	50	4500070000
76	85	0.4	76	50	0.82	50	4500075000
80	90	0.4	80	50	0.9	50	4500080000
90	101	0.4	90	50	1.08	50	4500090000
102	112	0.4	102	50	1.16	50	4500100000
110	121	0.35	110	30	1.32	30	4500110000
120	130	0.35	120	30	1.45	30	4500120000
127	138	0.35	127	20	1.5	20	4500125000
152	164	0.3	152	20	1.9	20	4500150000
160	172	0.3	160	20	2.1	20	4500160000
180	193	0.25	180	20	2.4	20	4500180000
203	219	0.2	203	20	2.9	20	4500200000
254	270	0.2	254	10	3.8	10	4500250000
305	324	0.1	305	10	4.8	10	4500300000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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We build specialised microsites for critical industries. Each site provides in-depth product data, documentation and expert guidance for the domain it covers.

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particulair.eu/life-science	Vacuums for pharma and cleanroom
particulair.eu/hardo	Explosion-protected electrical Ex-equipment

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Product page: particulair.eu/flexcore/en/abrasion-resistant-hoses/airflex-4500/

SMARTER THINKING • BETTER WORKING

This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.