

ABRASION-RESISTANT

QUADRIFLEX

Lightweight PVC vacuum hose with oval spiral, 0.9 bar negative pressure



QUADRIFLEX is a lightweight suction hose in orange soft PVC with oval rigid PVC reinforcement spiral. The oval spiral provides better collapse resistance under suction than standard round-spiral constructions, allowing a 0.9 bar vacuum rating - a significant improvement over light PVC vacuum hoses which typically only reach 0.6 bar. The hose is optimised for process water and slurry vacuum applications where light weight and high vacuum resistance are combined - typically in agriculture, construction sites and industrial vacuum pump installations.

Media: Gas, Dust, Liquid

Temp: -25 °C to 60 °C

✓ Cut to length

APPLICATIONS

- Process water and slurry vacuum in industry
- Water suction from wells and dewatering at construction sites
- Tank cleaning and municipal sewage applications
- Agricultural vacuum pumping at higher negative pressures
- Industrial vacuum pump connection with 0.9 bar requirement
- Multi-purpose suction applications where 0.6 bar vacuum is too low

Technical specifications

Material	Soft PVC inner tube, PVC outer, oval rigid PVC spiral (anthracite)
Colour	orange
Wall construction	Smooth soft PVC inner tube, smooth PVC outer coating, embedded oval rigid PVC spiral
Spiral material	Oval rigid PVC-spiral (antracit)
Conveying media	Gas, Dust, Liquid
Temperature range	-25 °C – 60 °C
Short-term peak	60 °C
Cut to length	Yes
Manufacturer SKU	4460

Standards and compliance

EN ISO 1307:2008, REACH, RoHS

Dimensions and ordering

The hose is supplied in 8 standard sizes from inner Ø 51.0 mm to 152.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Wall th. [mm]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
51	60	4.5	0.9	204	50	0.95	50	4460050000
76	86	5	0.9	304	50	1.6	50	4460075000
80	90	5	0.9	320	50	1.7	50	4460080000
90	100	5	0.9	360	50	1.95	50	4460090000
102	114	6	0.9	408	50	2.42	50	4460100000
110	121	5.5	0.9	440	30	2.6	30	4460110000
127	140	6.5	0.9	508	20	3.3	20	4460125000
152	167	7.5	0.9	608	20	4.4	4, 5, 20	4460150000

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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