

ABRASION-RESISTANT

COSMO

Lightweight PVC vacuum hose for water suction applications, transparent green



COSMO is a multi-purpose PVC vacuum hose with transparent green wall and white rigid PVC spiral. The hose is optimised for water suction applications with vacuum pumps - 0.6 bar negative pressure across the entire range. The slightly corrugated outer coating provides good flexibility, and the transparent wall allows visual inspection of media flow. Typically used in agriculture, construction sites, municipal services and industrial vacuum pump installations where PVC's pressure-temperature range is sufficient.

Media: Gas, Dust, Liquid

Temp: -15 °C to 60 °C

✓ Cut to length

APPLICATIONS

- Water suction with vacuum pumps in agriculture
- Drainage and dewatering at construction sites
- Municipal water and wastewater applications
- Vacuum pump connection in industry and machine installations
- Water and nutrient distribution in horticulture
- Multi-purpose low-pressure vacuum where lightness and flexibility are important

Technical specifications

Material	PVC (poly-vinyl-chloride) both inner and outer, white rigid PVC spiral
Colour	green-transparent
Wall construction	Smooth inner PVC tube with slightly corrugated outer coating, embedded rigid PVC spiral
Spiral material	Rigid PVC-spiral (hvid)
Conveying media	Gas, Dust, Liquid
Temperature range	-15 °C – 60 °C
Short-term peak	60 °C
Cut to length	Yes
Manufacturer SKU	4400

Standards and compliance

EN ISO 1307:2008, REACH, RoHS

Dimensions and ordering

The hose is supplied in 10 standard sizes from inner Ø 20.0 mm to 102.0 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]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
20	26	0.6	80	50	0.23	50	4400020000
25	31	0.6	100	50	0.28	50	4400025000
32	39	0.6	128	50	0.38	50	4400032000
38	45	0.6	152	50	0.48	50	4400038000
51	59	0.6	204	50	0.75	50	4400050000
60	69	0.6	240	50	0.97	50	4400060000
63	72	0.6	252	50	1	50	4400063000
76	86	0.6	304	50	1.35	50	4400075000
90	102	0.6	360	50	1.8	50	4400090000
102	114	0.6	408	50	2.2	50	4400100000

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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