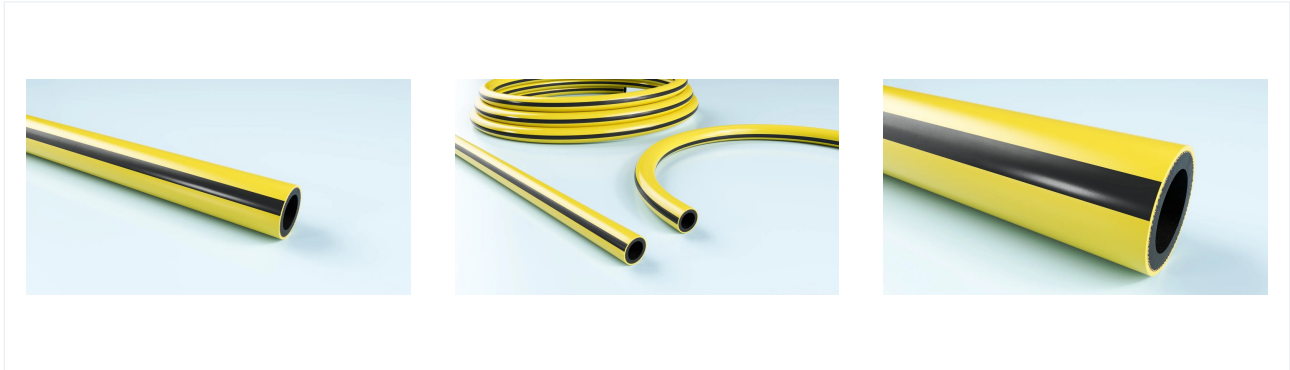


CHEMICAL-RESISTANT

NITROGEN/YELLOW

Highly flexible antistatic gas hose — for air, water and nitrogen in petrochemistry and industry



Highly flexible antistatic PVC hose specifically designed for transporting air, water and nitrogen gas. Used in industrial applications including petrochemical processes, where inert gas (nitrogen) is used to displace oxygen and prevent fire and oxidation risk. Two black antistatic longitudinal stripes ($<10^9 \Omega$) ensure static dissipation. The distinctive yellow colour marks the hose visually from other PVC hoses.

R: $<10^9 \Omega$

Media: Gas, Liquid

Temp: -20 °C to 60 °C

✓ Cut to length

APPLICATIONS

- Nitrogen distribution in petrochemical processes
- Inert gas for oxygen displacement in chemical reactors
- Compressed air in classified areas
- Water and air hoses in medical technology
- Vapour return systems with inert gas

Technical specifications

Material	PVC (core and outer cover), antistatic
Colour	Yellow outer cover, black core, 2 black antistatic longitudinal stripes
Wall construction	Smooth interior, smooth outer cover, antistatic longitudinal stripes
Conveying media	Gas, Liquid
Temperature range	-20 °C – 60 °C
Short-term peak	60 °C
Electrical resistance	$<10^9 \Omega$
Cut to length	Yes
Manufacturer SKU	3031

Standards and compliance

en-iso-1307, REACH, RoHS

Dimensions and ordering

The hose is supplied in 1 standard sizes from inner Ø 19.5 mm to 19.5 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]	Press. DIN [bar]	Burst [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Article no.
19.5	30	5.25	25	75	100	40	0.55	3031019000

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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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.