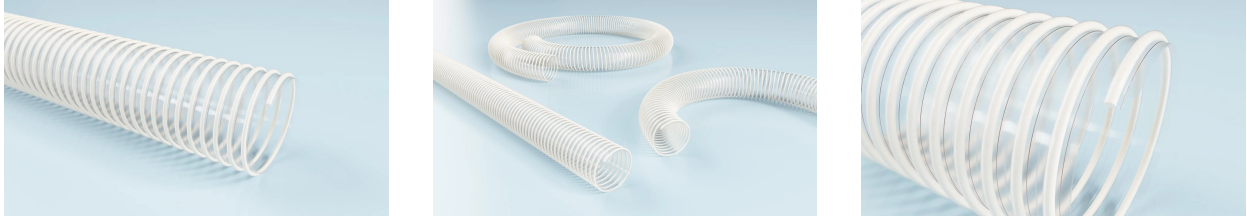


ATEX/ESD

# NORPLAST® PUR-C 385 AIRFLEX®/AS

Antistatic PUR hose with grounding wire — for ATEX-relevant applications and surface treatment



Antistatic polyurethane hose with integrated grounding wire for dissipating electrostatic charging. Abrasion-resistant PUR wall, permanently antistatic per ISO 8031 (resistance  $<10^9 \Omega$ ). Designed for use in explosion-relevant areas, construction industry and surface treatment. The grounding wire is an active electrical component — the hose must be correctly connected to ground for the antistatic property to work.

**R:**  $<10^9 \Omega$

**Media:** Dust, Gas

**Temp:** -40 °C to 90 °C

✓ Cut to length

## APPLICATIONS

- Granulate transport in ATEX-relevant zones
- Explosion hazard areas (Zone 22)
- Surface treatment with powder coating
- Sandblasting and abrasive blasting
- General abrasion-resistant transport where antistatic is required

## Technical specifications

<b>Material</b>	PUR wall with integrated grounding wire, white rigid PVC spiral
<b>Colour</b>	Black with visible grounding wire
<b>Wall construction</b>	PUR wall, grounding wire embedded, PVC spiral
<b>Spiral material</b>	rigid PVC + grounding wire
<b>Conveying media</b>	Dust, Gas
<b>Temperature range</b>	-40 °C – 90 °C
<b>Short-term peak</b>	90 °C
<b>Electrical resistance</b>	$<10^9 \Omega$
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	4608

### Standards and compliance

iso-8031, RoHS

## Dimensions and ordering

The hose is supplied in 14 standard sizes from inner Ø 25.0 mm to 127.0 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]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
25	31.4	0.5	1	0.25	17.5	20	0.2	20	4608025000
32	38.8	0.5	0.85	0.2	19	20	0.28	20	4608032000
38	45	0.5	0.75	0.2	31	20	0.375	20	4608038000
40	47	0.5	0.75	0.2	40	20	0.35	20	4608040000
45	52.6	0.5	0.65	0.2	42.5	20	0.4	20	4608045000
51	58.8	0.5	0.5	0.2	45	20	0.45	10, 20	4608050000
60	68	0.7	0.5	0.16	50	20	0.53	20	4608060000
63	71.4	0.7	0.45	0.16	48.5	20	0	20	4608063000
70	79.2	0.7	0.4	0.16	60	20	0	20	4608070000
76	85.4	0.7	0.375	0.16	66	20	0.75	20	4608075000
80	89.4	0.7	0.35	0.16	70	20	0	20	4608080000
90	100	0.7	0.3	0.14	80	20	0.9	20	4608090000
102	112.2	0.7	0.28	0.13	90	20	1.1	20	4608100000
127	139	0.8	0.25	0.1	107.5	20	0	20	4608125000

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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## Contact and advisory

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**Product page:** [particulair.eu/flexcore/en/atex-esd/norplast-pur-c-385-airflex-as/](https://particulair.eu/flexcore/en/atex-esd/norplast-pur-c-385-airflex-as/)

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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.