

FLAME-RETARDANT

# AIRDUC PUR 352 SE RAILWAY PLUS (MD)

Fire-safe PUR suction and pressure hose per EN 45545-2 for railway and marine



AIRDUC PUR 352 SE RAILWAY PLUS (MD) is a fire-safe suction and pressure hose specifically developed for railway and marine applications. The hose meets EN 45545-2 R23 HL1, R22 HL1/HL2 and R1 HL1/HL2/HL3 - i.e. all relevant hazard groups in passenger vehicles. The PUR construction is highly flexible, wear-resistant and lightweight.

**Media:** Gas, Dust, Liquid, Granulate

**Temp:** -40 °C to 90 °C

✓ Cut to length

## APPLICATIONS

- Ventilation and heating in passenger vehicles (trains, trams)
- Sanitary installation on ships
- Roof drainage and dehumidification in railway vehicles
- Extraction and air supply in metro and light rail
- Fire-safe ventilation in bus extraction systems

## Technical specifications

<b>Material</b>	PUR (polyurethane) outer wall and inner lining
<b>Colour</b>	black
<b>Wall construction</b>	Smooth outer wall, smooth inner, integrated textile reinforcement
<b>Conveying media</b>	Gas, Dust, Liquid, Granulate
<b>Temperature range</b>	-40 °C – 90 °C
<b>Short-term peak</b>	90 °C
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3525400

### Standards and compliance

en-45545-2, REACH, RoHS

## Dimensions and ordering

The hose is supplied in 10 standard sizes from inner Ø 20.0 mm to 50.0 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.
20	27	0.9	2.53	0.485	34	5	0.34	5	35200205400
22	29	0.9	2.315	0.44	38	5	0.36	5	35200225400
25	32	0.9	2.055	0.385	44	5	0.39	5	35200255400
30	38	0.9	1.735	0.285	52	5	0.45	5	35200305400
32	40	0.9	1.63	0.265	56	5	0.47	-	35200325400
35	44.5	0.9	1.495	0.245	60	10	0.5	-	35200355400
38	46	0.9	1.385	0.225	64	5	0.53	-	35200385400
40	48	0.9	1.32	0.215	66	5	0.56	5	35200405400
42	50	0.9	1.25	0.02	68	5	0.58	5	35200425400
50	58	0.9	1.065	0.17	80	5	0.86	5	35200505400

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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