

LIQUID HOSES

AIRBRAKE

EPDM compressed air brake hose per DIN 74310:1993, -40 to +70 C



AIRBRAKE is an EPDM compressed air brake hose specifically qualified per DIN 74310:1993 - the German standard for compressed air brake systems on vehicles and trailers. PN 10 bar working pressure and 25 bar burst pressure cover typical brake system pressures (6-9 bar operating with marginal peaks). The operating range -40 to +70 C makes the hose suitable for many climates, and the EPDM construction's weather and ozone resistance ensures long-term operation in exposed vehicle installations. Typically used on trucks, trailers, municipal sweepers, tractors and marine compressed air systems.

Media: Gas, Dust

Temp: -40 °C to 70 °C

✓ Cut to length

APPLICATIONS

- Compressed air brake systems on trucks, trailers and buses
- Pneumatic brake installations on municipal sweepers
- Brake systems on tractor trailers and agricultural vehicles
- Compressed air supply for construction site vehicles
- Marine compressed air systems on ships and vessels
- General compressed air distribution where DIN 74310 qualification is required

Technical specifications

Material	EPDM (ethylene-propylene-diene monomer) both inner and outer
Colour	black
Wall construction	Smooth extruded EPDM inner, smooth EPDM outer, textile plies reinforcement
Spiral material	Tekstil-plyes
Conveying media	Gas, Dust
Temperature range	-40 °C – 70 °C
Short-term peak	70 °C
Cut to length	Yes
Manufacturer SKU	3215

Standards and compliance

EN ISO 1307:2008, din-74310, REACH, RoHS

Dimensions and ordering

The hose is supplied in 2 standard sizes from inner Ø 11.0 mm to 13.0 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]	Burst [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
11	18	3.5	10	25	70	40	0.23	40	3215011018
13	25	6	10	25	80	40	0.5	40	3215013025

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.

Other Particulair microsities

We build specialised microsities for critical industries. Each site provides in-depth product data, documentation and expert guidance for the domain it covers.

particulair.eu/ex-vac	ATEX and ACD vacuum cleaners for explosion hazard zones
particulair.eu/vace	Nozzles and accessories for critical environments
particulair.eu/life-science	Vacuums for pharma and cleanroom
particulair.eu/hardo	Explosion-protected electrical Ex-equipment

Contact and advisory

Particulair

Højtoften 12
2690 Karlslunde, Denmark
CVR: 34129894

Phone: (+45) 70 23 12 03
E-mail: sales@particulair.com
Web: particulair.eu

Product page: particulair.eu/flexcore/en/vaeskeslanger/airbrake/

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.