

ABRASION-RESISTANT

ARMOFLEX/OIL

Highly flexible suction and pressure hose for oil, petrol and chemicals



ARMOFLEX/OIL is a highly flexible suction and pressure hose for transporting oil, petrol and solvents. The NBR lining is resistant to mineral oils and fuels, and the steel spiral provides collapse resistance under vacuum. The hose is typically used in mechanical engineering, waste oil treatment and oil change systems where the same hose must be able to suck from a tank and pump under pressure.

Media: Liquid, Gas

Temp: -15 °C to 65 °C

✓ Cut to length

APPLICATIONS

- Oil change and lubrication systems in cars and machinery
- Waste oil collection and recirculation
- Hydraulic and lubrication handling at factories
- Diesel and petrol supply at moderate pressures
- Petrochemical transport at tank installations

Technical specifications

Material	NBR (nitrile-butadiene rubber) inner lining, PVC outer wall
Colour	black
Wall construction	Smooth outer wall, smooth NBR lining with embedded steel spiral
Spiral material	Staal
Conveying media	Liquid, Gas
Temperature range	-15 °C – 65 °C
Short-term peak	65 °C
Cut to length	Yes
Manufacturer SKU	4481

Standards and compliance

en-iso-1307, REACH, RoHS

Dimensions and ordering

The hose is supplied in 4 standard sizes from inner Ø 25.0 mm to 51.0 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]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
25	33	4	8	0.8	30	0.52	30	4481025000
32	40	4	7	0.8	30	0.72	30	4481032000
38	47	4.5	7	0.8	30	0.87	30	4481038000
51	62	5.5	5	0.8	30	1.32	30	4481050000

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/abrasive/armoflex-oil/

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.