

ATEX/ESD

# CARBOFLEX®/GRECATO

Oil-resistant suction and pressure hose — extremely small bend radius, for fuel and hydraulic



Oil-resistant suction and pressure hose with extremely small bend radius and high flexibility. Designed for fuel transport and hydraulic oil return in installations where space is critical. NBR inner tube tolerates up to 50% aromatic content. The special corrugated construction ("GRECATO") provides smaller bend radius than standard CARBOFLEX variants.

**R:** <math>10^9 \Omega</math>

**Media:** Liquid

**Temp:** -35 °C to 80 °C

✓ Cut to length

## APPLICATIONS

- Fuel transport in tight installations
- Hydraulic oil return
- Marine bunkering where space is tight
- Mobile installations with sharp bends

## Technical specifications

<b>Material</b>	NBR inner tube, woven reinforcement, GRECATO corrugated outer cover
<b>Colour</b>	Black
<b>Wall construction</b>	Corrugated GRECATO construction, smooth interior
<b>Spiral material</b>	steel
<b>Conveying media</b>	Liquid
<b>Temperature range</b>	-35 °C – 80 °C
<b>Short-term peak</b>	80 °C
<b>Electrical resistance</b>	$<10^9 \Omega$
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3353

### Standards and compliance

REACH, RoHS

## Dimensions and ordering

The hose is supplied in 7 standard sizes from inner Ø 19.0 mm to 102.0 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]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
19	29	5	10	30	0.8	60	40	0.5	40	3353019000
25	35	5	10	30	0.8	75	40	0.63	40	3353025000
32	42	5	10	30	0.8	100	40	0.78	40	3353032000
38	48	5	10	30	0.8	115	40	0.9	40	3353038000
50	62	6	10	30	0.8	135	40	1.4	40	3353050000
76	91	7.5	10	30	0.8	190	40	2.55	40	3353075000
102	117	7.5	10	30	0.8	260	40	3.55	40	3353100000

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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### Particulair

Højtoften 12  
2690 Karlslunde, Denmark  
CVR: 34129894

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

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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.