

## CHEMICAL-RESISTANT

# CORROSIV®/SP/EN

Premium chemical-resistant EPDM hose for the most aggressive media



Suction and pressure hose in full-EPDM with a steel spiral for conveying concentrated acids and alkalis. Identical chemical resistance to its sister product CORROSIV®/EN, identical working pressure of 16 bar — the decisive difference is the steel spiral, which makes the hose resistant to vacuum (up to 0.9 bar negative pressure). That makes it suitable for both loading and unloading of tank trucks, unlike the pressure-only EN variant which can only handle positive working pressures.

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

**Media:** Liquid

**Temp:** -40 °C to 90 °C

✓ Cut to length

## APPLICATIONS

- Pneumatic transport of liquid
- Industrial extraction and collection
- Process plants and production environments
- Mobile installations and flexible routing
- Vacuum and low-pressure systems

## Technical specifications

<b>Material</b>	Special composition EPDM liner with EPDM cover
<b>Colour</b>	Black
<b>Wall construction</b>	Smooth EPDM liner, textile and steel reinforcement, EPDM cover (wrapped)
<b>Conveying media</b>	Liquid
<b>Temperature range</b>	-40 °C – 90 °C
<b>Short-term peak</b>	125 °C
<b>Electrical resistance</b>	<10 <sup>9</sup> Ω
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3830

### Standards and compliance

REACH, RoHS

## Dimensions and ordering

The hose is supplied in 7 standard sizes from inner Ø 25.0 mm to 100.0 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.
25	37	6	16	64	0.9	150	40	0.78	40	3830025000
32	44	6	16	64	0.9	175	40	1.03	40	3830032000
38	51	6.5	16	64	0.9	225	40	1.25	40	3830038000
50	66	8	16	64	0.9	275	40	2.1	40	3830050000
63	79	8	16	64	0.9	300	40	2.54	40	3830063000
75	91	8	16	64	0.9	350	40	2.8	40	3830075000
100	116	8	16	64	0.9	450	40	4.1	40	3830100000

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## Contact and advisory

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**Product page:** [particulair.eu/flexcore/en/chemical/corrosiv-sp-en/](https://particulair.eu/flexcore/en/chemical/corrosiv-sp-en/)

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### SMARTER THINKING • BETTER WORKING

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