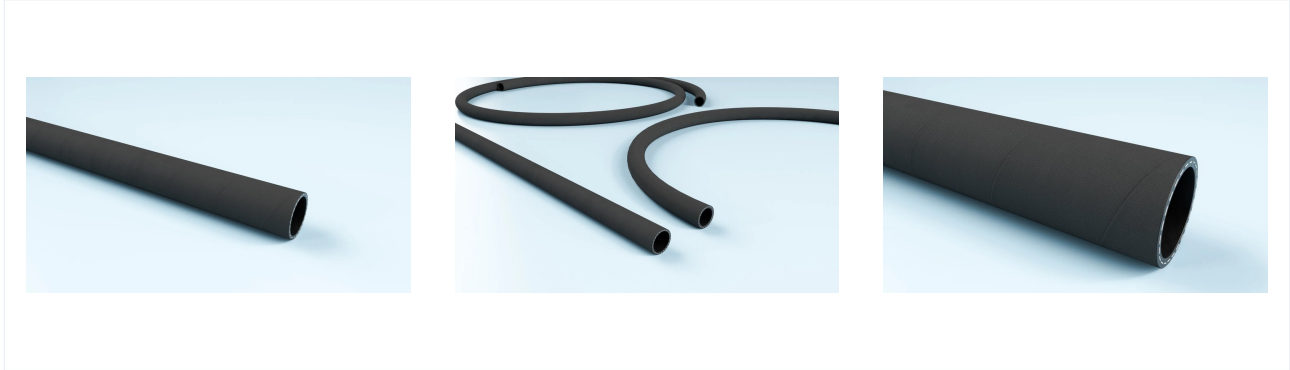


HIGH-TEMPERATURE

RADIACORD

EPDM cooling water hose with antifreeze resistance for closed cooling circuits



RADIACORD is an EPDM cooling water hose developed specifically for closed cooling circuits with glycol-based antifreeze. Wide dimension range (ID 10-42 mm), -30 to 100 C temperature capacity, and resistance to a wide spectrum of antifreeze types make it a widespread solution in HVAC, automotive and machinery industries.

Media: Liquid

Temp: -30 °C to 100 °C

✓ Cut to length

APPLICATIONS

- Closed cooling circuits with glycol-based antifreeze
- HVAC and commercial building air conditioning
- Automotive production: engine cooling, test rigs, vehicle cooling
- Mould and machine cooling in plastics, glass and ceramic industries
- Secondary cooling circuits in energy and process industries
- Distribution in industrial cooling installations with varying dimensions

Technical specifications

Material	EPDM (ethylene-propylene-diene monomer)
Colour	black
Wall construction	Smooth outer, smooth inner with textile reinforcement
Conveying media	Liquid
Temperature range	-30 °C – 100 °C
Short-term peak	100 °C
Cut to length	Yes
Manufacturer SKU	3100

Standards and compliance

en-iso-1307, REACH, RoHS

Dimensions and ordering

The hose is supplied in 23 standard sizes from inner Ø 10.0 mm to 110.0 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]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
10	17	3.5	6	40	0.21	40	3100010000
13	20	3.5	6	40	0.25	40	3100013000
15	22	3.5	6	40	0.28	40	3100015000
18	25	3.5	6	40	0.33	40	3100018000
20	27	3.5	6	40	0.36	40	3100020000
22	29	3.5	6	40	0.4	40	3100022000
25	32	3.5	6	40	0.44	40	3100025000
28	35	3.5	4	40	0.48	40	3100028000
30	38	4	4	40	0.52	40	3100030000
32	39	3.5	4	40	0.55	40	3100032000
35	42	3.5	4	40	0.6	40	3100035000
38	45	3.5	4	40	0.64	40	3100038000
40	47	3.5	4	40	0.67	40	3100040000
42	49	3.5	4	40	0.7	40	3100042000
45	53	4	4	40	0.85	40	3100045000
48	56	4	4	40	0.91	40	3100048000
50	59	4.5	4	40	0.97	40	3100050000
60	70	5	4	40	1.32	40	3100060000
63	73	5	4	40	1.41	40	3100063000
76	84	4	4	40	1.34	40	3100075000
90	98	4	4	20	1.5	20	3100090000
102	110	4	4	40	1.7	40	3100100000
110	122	6	4	20	2.7	20	3100110000

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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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.