

HIGH-TEMPERATURE

RADIACORD®/DIN

Cooling water hose — per DIN 73411, for hot and cold water applications



Cooling water hose per DIN 73411 (specific German standard for cooling water hoses), resistant to a wide variety of antifreeze agents. Highly flexible EPDM construction (core and outer cover) tolerates up to +130 °C. Designed for cooling water circuits, coolant distribution and heat-transfer systems.

Media: Liquid

Temp: -30 °C to 130 °C

✓ Cut to length

APPLICATIONS

- Cooling water circuits in industrial plants
- Antifreeze agents in cooling tanks
- Cooling of engines and compressors
- Heat transfer in process industry
- Water distribution in hot processes

Technical specifications

Material	Inner tube and outer cover: EPDM
Colour	Black
Wall construction	Smooth interior, wrapped outer cover (EPDM)
Conveying media	Liquid
Temperature range	-30 °C – 130 °C
Short-term peak	130 °C
Cut to length	Yes
Manufacturer SKU	3117

Standards and compliance

din-73411, REACH, RoHS

Dimensions and ordering

The hose is supplied in 27 standard sizes from inner Ø 10.0 mm to 120.0 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]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
10	17	3.5	4	12	40	0.126	40	3117010000
13	20	3.5	4	12	40	0.23	40	3117013000
15	22	3.5	4	12	40	0.26	40	3117015000
18	25	3.5	4	12	40	0.3	40	3117018000
20	27	3.5	4	12	40	0.33	40	3117020000
22	29	3.5	4	12	40	0.36	40	3117022000
25	32	3.5	4	12	40	0.4	40	3117025000
28	36	4	4	12	40	0.5	40	3117028000
30	38	4	4	12	40	0.54	40	3117030000
32	40	4	4	12	40	0.58	40	3117032000
35	43	4	4	12	40	0.62	40	3117035000
38	48	5	4	12	40	0.8	40	3117038000
40	50	5	4	12	40	0.9	40	3117040000
42	52	5	4	12	40	0.94	40	3117042000
45	55	5	4	12	40	1	40	3117045000
48	58	5	4	12	40	1.06	40	3117048000
50	60	5	4	12	40	1.1	40	3117050000
55	65	5	4	12	40	1.2	40	3117055000
60	70	5	4	12	40	1.3	40	3117060000
65	75	5	4	12	40	1.4	40	3117065000
70	80	5	4	12	40	1.5	40	3117070000
75	85	5	4	12	40	1.6	40	3117075000
80	90	5	4	12	40	1.7	40	3117080000
90	102	6	4	12	40	2.3	40	3117090000
100	112	6	4	12	20	2.5	20	3117100000
110	122	6	4	12	20	2.8	20	3117110000
120	134	7	4	12	20	3.5	20	3117120000

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/high-temperature/radiacord-din/

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.