

HIGH-TEMPERATURE

STEAMFLEX/EN/ISO

Standardised EPDM steam hose for 18 bar saturated steam and 55 bar hot water per EN ISO 6134:2017



STEAMFLEX/EN/ISO is a standardised high-pressure steam hose per EN ISO 6134:2017 Type 2/A with double steel braid reinforcement and EPDM wall. The hose tolerates 18 bar saturated steam at 210 C and 55 bar hot water at 120 C. Burst pressure is 180 bar on all dimensions, and the hose is electrically conductive (below 10^6 ohm) in both inner tube and outer coating - making it ATEX-suitable in zones where a conductive wall is required. The hose is typically used for steam cleaning, plant cleaning, hot-water systems and thermal processing in chemical industry, pharma, beverage production and shipbuilding.

R: $<10^6 \Omega$

Media: Liquid, Gas

Temp: -40 °C to 210 °C

✓ Cut to length

APPLICATIONS

- Plant cleaning and process cleaning with saturated steam
- Steam cleaning of tanks, pipes and production facilities
- Hot-water systems and thermal processing
- Facility cleaning at beverage factories and breweries
- Heaters for construction sites and temporary heating
- Aluminium smelters and metal industry cleaning

Technical specifications

Material	EPDM (ethylene-propylene-diene monomer) in both inner tube and outer coating
Colour	black
Wall construction	Smooth inner EPDM tube, perforated and wrapped outer EPDM coating, double steel braid reinforcement between
Spiral material	Dobbelt staal-baand-armering
Conveying media	Liquid, Gas
Temperature range	-40 °C – 210 °C
Short-term peak	230 °C
Electrical resistance	$<10^6 \Omega$
Cut to length	Yes
Manufacturer SKU	3412

Standards and compliance

en-iso-6134-2017, REACH, RoHS

Dimensions and ordering

The hose is supplied in 6 standard sizes from inner Ø 13.0 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]	Burst [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
13	25	6	180	65	40	0.55	40	3412013000
19	33	7	180	90	40	0.85	15, 20, 40	3412019000
25	40	7.5	180	145	40	1.1	20, 40	3412025000
32	48	8	180	200	40	1.55	40	3412032000
38	54	8	180	240	40	1.8	40	3412038000
51	69	9	180	340	40	2.65	40	3412050000

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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