

LIQUID HOSES

PYTHON

Robust EPDM water hose with conductive wall, up to +110 C, marine-suitable



PYTHON is a robust EPDM water hose with conductive wall below 10^6 ohm in both inner tube and outer coating. The hose is specifically designed for deck wash on ships and general water distribution at hot temperatures. The operating range -40 to +110 C with peak up to +130 C is particularly broad for a water hose. PN 20 bar working pressure and 60 bar burst pressure (3x safety factor). 4 dimensions (ID 13-32 mm) with smooth outer coating on small dimensions and fabric-patterned on large. Typically used in marine, municipal services, agriculture and industry where a hot-water-resistant conductive water hose is required.

R: $<10^6 \Omega$

Media: Liquid

Temp: -40 °C to 110 °C

✓ Cut to length

APPLICATIONS

- Deck wash on ships and marine facilities
- Municipal water distribution and surface cleaning
- Hot-water applications in industry and workshops
- Irrigation and livestock washing on farms
- Process water and cooling water distribution
- Industrial cleaning with conductive-required zones

Technical specifications

Material	EPDM (ethylene-propylene-diene monomer) both inner and outer, conductive
Colour	black inner, green outer
Wall construction	Smooth inner EPDM tube, smooth outer coating (up to 25 mm) or fabric-patterned (32 mm), textile plies
Spiral material	Tekstil-plyes
Conveying media	Liquid
Temperature range	-40 °C – 110 °C
Short-term peak	130 °C
Electrical resistance	$<10^6 \Omega$
Cut to length	Yes
Manufacturer SKU	3020

Standards and compliance

EN ISO 1307:2008, ISO 8031 (electrical resistance), REACH, RoHS

Dimensions and ordering

The hose is supplied in 4 standard sizes from inner Ø 13.0 mm to 32.0 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]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
13	20	3.5	20	60	80	40	0.26	40	3020013020
19	27	4	20	60	110	40	0.41	40	3020019000
25	34	4.5	20	60	150	40	0.6	40, 80	3020025000
32	44	6	20	60	320	40	0.98	40	3020032000

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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