

HIGH-TEMPERATURE

METAL HOSE PVC 102 AD

PVC-coated metal hose for cable protection in chemically exposed zones with IP 68



METAL HOSE PVC 102 AD is a highly flexible cable protection hose with metal core and external PVC coating. The hose is qualified to IP 68 per EN/IEC 60529 and is chemically resistant - a major advantage in galvanisation, chemical and surface treatment zones where acid and base exposure is daily. The operating range is -20 to +70 C with short-term peak +80 C (the PVC coating's limit). The hose is typically used for cable protection in chemical industry, galvanisation workshops, paint shops and automation cells where mechanical wear and chemical exposure are combined.

Temp: -20 °C to 70 °C

✓ Cut to length

APPLICATIONS

- Cable protection in galvanisation zones with acid and base exposure
- Chemical industry and chemical-handling areas
- Paint shops and finishing booths with solvent exposure
- Automation cells in chemically-exposed production facilities
- Cable runs in humid or chemically-loaded environments
- General cable protection where IP 68 and chemical resistance are combined

Technical specifications

Material	Galvanised steel core with external PVC coating
Colour	grey
Wall construction	Metal core (typically corrugated stamping or seam) with external PVC coating for IP 68 and chemical resistance
Spiral material	Galvaniseret staal-kerne
Temperature range	-20 °C – 70 °C
Short-term peak	80 °C
Cut to length	Yes
Manufacturer SKU	1029050

Standards and compliance

en-iec-60529-ip68, REACH, RoHS

Dimensions and ordering

The hose is supplied in 6 standard sizes from inner Ø 7.0 mm to 22.0 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]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
7	10	32	50	0.079	50	10230109050
10	14	40	50	0.115	50	10230149050
13	17	45	50	0.171	50	10230179050
15	19	52	50	0.194	50	10230199050
17	21	58	50	0.234	50	10230219050
22	27	72	50	0.394	50	10230279050

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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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/metal-hose-pvc-102-ad/

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