

HIGH-TEMPERATURE

METAL HOSE PUR 105 AD

Very robust PU-coated metal protection conduit — liquid-tight, IP 68, for cable protection



Very robust metal protection conduit with PU coating — combination of metal stability and polyurethane protection. Highly flexible and liquid-tight (IP 68 per EN/IEC 60529), ideal for cable protection in electrical installations, switch cabinets and switchgear where IP 40 (uncoated) is insufficient. The metallic blue PU coating provides visual differentiation and UV protection.

R: metallic Ω

Media: Gas, Dust

Temp: -40 °C to 90 °C

✓ Cut to length

APPLICATIONS

- Cable protection in humid industrial installations
- Switch cabinets and switchgear outdoors
- Protection conduit at welding robots and marine equipment
- Climate-exposed cable routing
- Mobile extraction/transport systems

Technical specifications

Material	Galvanised steel with polyurethane coating
Colour	Metallic blue
Wall construction	Spiral-folded metal construction with PU coating
Spiral material	galvanised steel with PU coating
Conveying media	Gas, Dust
Temperature range	-40 °C – 90 °C
Short-term peak	125 °C
Electrical resistance	metallic Ω
Cut to length	Yes
Manufacturer SKU	1059050

Standards and compliance

ip-68, 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	40	50	0.077	50	10530109050
10	14	46	50	0.113	50	10530149050
13	17	55	50	0.169	50	10530179050
15	19	60	50	0.191	50	10530199050
17	21	75	50	0.222	50	10530219050
22	27	90	50	0.372	50	10530279050

The table shows 6 standard dimensions with metal-spiral construction and PUR coating. Weight data is per meter. Actual inner diameter (ID) varies slightly from nominal connection size due to spiral wall thickness. Actual outer measurement and coupling transition depend on specific installation - contact us when in doubt.

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