

HIGH-TEMPERATURE

METAL HOSE VA 108 AD

Stainless steel hose for cable protection up to 600 C



METAL HOSE VA 108 AD is a highly flexible stainless steel hose with corrugated construction without plastic coating. The hose tolerates continuous operation up to +600 C - identical heat resistance as Agraff-VA 150 AD, but with a simpler and typically more economical construction. IP 40 per EN/IEC 60529 means the hose is tight against foreign objects over 1 mm but not water-tight. The hose is typically used in fixed-installed cable runs in high-temperature zones: smelting facilities, engine test benches, exhaust systems and industrial ovens where mechanical flexibility is secondary to heat resistance.

Temp: -40 °C to 600 °C

✓ Cut to length

APPLICATIONS

- Fixed-installed cable protection in smelting and hot-processing zones
- Exhaust system cable runs on engine test benches
- High-temperature installations in steel and glass industry
- Industrial ovens and thermal processing equipment
- Marine engine rooms with heat and moisture exposure
- Cable protection where +90 C continuous is exceeded

Technical specifications

Material	Stainless steel (AISI 304/316 grade), corrugated construction
Colour	steel grey (stainless steel natural colour)
Wall construction	Corrugated stainless steel construction (fold stamping), no plastic coating
Spiral material	Rustfri staal (korrugeret)
Temperature range	-40 °C – 600 °C
Short-term peak	600 °C
Cut to length	Yes
Manufacturer SKU	1089050

Standards and compliance

en-iec-60529-ip40, REACH, RoHS

Dimensions and ordering

The hose is supplied in 8 standard sizes from inner Ø 5.0 mm to 23.0 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.
5	7	17	50	0.05	50	10830079050
6	8	20	50	0.06	50	10830089050
8	10	25	50	0.07	50	10830109050
11	14	34	50	0.12	50	10830149050
14	17	40	50	0.15	50	10830179050
16	19	45	50	0.17	50	10830199050
18	21	50	50	0.19	50	10830219050
23	27	67	50	0.32	50	10830279050

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/metal-hose-va-108-ad/

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.