

HIGH-TEMPERATURE

CP ARAMID 461 PROTECT

High-temperature clamp profile hose — engine exhaust extraction up to +300 °C, M1 fire class



Highly flexible exhaust hose with external protection profile — designed for extracting engine exhaust gases up to +300 °C. The aramid wall has M1 fire class per UNE 23.727-90 and is highly vibration-resistant. The protection profile is firmly clamped from elasticised high-temperature plastic that absorbs impact and abrasion. Designed for workshop pits, exhaust extraction, exhaust removal on dynamometers and engine test benches.

Media: Gas

Temp: 0 °C to 300 °C

✓ Cut to length

APPLICATIONS

- Extraction of engine exhaust gases
- Workshop pits and vehicle workshops
- Dynamometer and engine test benches
- Exhaust extraction in emission test facilities
- Vapour return on chemical process tanks
- High-temperature gas transport

Technical specifications

Material	Aramid wall, fabric-reinforced, external protection profile in elasticised high-temperature plastic
Colour	Black/grey with protection profile
Wall construction	Aramid + fabric, external shock-absorbing, anti-abrasion profile
Spiral material	galvanised steel
Conveying media	Gas
Temperature range	0 °C – 300 °C
Short-term peak	300 °C
Cut to length	Yes
Manufacturer SKU	4617500

Standards and compliance

une-23-727-90, REACH, RoHS

Dimensions and ordering

The hose is supplied in 11 standard sizes from inner Ø 75.6 mm to 250.0 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]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Article no.
75.6	87.6	0.42	0.23	48	10	0.85	46100757500
80	92	0.405	0.2	49	10	0.89	46100807500
101.5	113.5	0.25	0.12	58	15	0.86	46101007500
101.5	113.5	0.25	0.12	58	15	0.86	46101027500
120	132	0.22	0.085	63	15	1.01	46101207500
126.5	138.5	0.22	0.085	70	15	1.06	46101257500
151.5	163.5	0.14	0.05	81	15	1.04	46101507500
160	172	0.125	0.04	86	15	1	46101607500
180	192	0.115	0.03	-	15	1.12	46101807500
202.3	214.3	0.115	0.03	103	15	1.26	46102007500
250	262	0.08	0.025	125	15	1.54	46102507500

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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