

HIGH-TEMPERATURE

CP HYP 450 PROTECT

Vibration-resistant exhaust hose — protection profile, up to +200 °C



Vibration-resistant exhaust hose with external protection profile. Designed for extraction of engine exhaust gases at temperatures up to +200 °C. Highly flexible and compressible. The protection profile gives the hose extra mechanical protection against impact and abrasion in workshop environments. Typically used in vehicle workshops, dynamometers and emission test facilities.

Media: Gas

Temp: 0 °C to 200 °C

✓ Cut to length

APPLICATIONS

- Vehicle exhaust extraction (workshop)
- Engine test benches (up to +200 °C)
- Vapour return on hot process tanks
- Extraction units where vibrations are the norm
- Hot air transport at moderate temperatures

Technical specifications

Material	HYP wall, fabric-reinforced, external clamp profile
Colour	Grey/black with protection profile
Wall construction	HYP + fabric, external shock-absorbing profile
Spiral material	galvanised steel
Conveying media	Gas
Temperature range	0 °C – 200 °C
Short-term peak	200 °C
Cut to length	Yes
Manufacturer SKU	4507500

Standards and compliance

REACH, RoHS

Dimensions and ordering

The hose is supplied in 12 standard sizes from inner Ø 75.6 mm to 254.0 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	0.5	0.23	48	10	1	45000757500
80	92	0.485	0.2	49	10	1.06	45000807500
101.5	113.5	0.3	0.12	58	20	1.04	45001027500
101.5	113.5	0.3	0.12	58	20	1.04	45001007500
126.5	138.5	0.26	0.085	70	20	1.28	45001257500
151.5	163.5	0.165	0.05	81	20	1.29	45001527500
151.5	163.5	0.165	0.05	81	20	1.29	45001507500
160	172	-	-	-	20	1.36	45001607500
202.3	214.3	0.14	0.03	103	20	1.7	45002007500
225	237	0.13	0.025	113	20	1.88	45002257500
250	262	0.1	0.02	125	20	2.09	45002507500
254	266	0.095	0.02	130	15	2.12	45002547500

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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