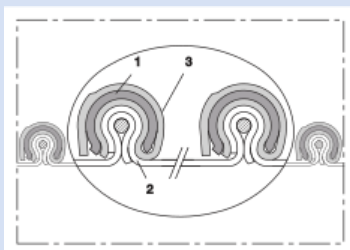
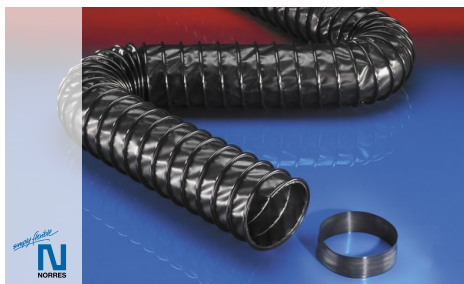


# CP HYP 450 PROTECT



Exhaust gas hose, vibration resistant, outer protection profile

## Applications

- flexible hose/ ducting for hot gases
- vehicle gas exhaust system, car gas extraction: hose reel, slotted floor channel, underfloor extraction system
- engine test bench, exhaust gas measurement

## Properties

- outer protection profile made of elasticised material
- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile
- highly flexible + compressible

- vibration resistant
- very good heat resistance
- good resistance to chemicals
- 1 clamp-cover band and 2 end-caps included
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

## Temperature Range

- exhaust gas temperatures to 200 °C \*
- \* when correctly applied with exhaust gas funnels and sufficient fresh air supply (50% approx.).

## Design

- CP construction
- clamp profile supporting spiral: galvanised steel
- wall: CSM coated polyester fabric
- firmly clamped, shock-absorbing, anti-abrasion profile made from elasticised, high-temperature plastic

## Delivery variants

- further diameters and lengths available on request
- special colours: coloured spiral
- stainless steel (INOX) clamp profile

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
3 / 75-76	89.00	0,500	0,230	48.00	1.00	2,5 5 6 7,5	450-0075-7500
- / 80	94.00	0,485	0,200	49.00	1.06	2,5 5 6 7,5	450-0080-7500
4 / 100-102	114.00	0,300	0,120	58.00	1.03	2,5 5 6 7,5 10 12,5 15	450-0100-7500
5 / 125-127	139.00	0,260	0,085	70.00	1.27	2,5 5 6 7,5 10 12,5 15	450-0125-7500
6 / 150-152	164.00	0,165	0,050	81.00	1.27	2,5 5 6 7,5 10 12,5 15	450-0150-7500
8 / 200-203	214.00	0,140	0,030	103.00	1.56	2,5 5 6 7,5 10 12,5 15	450-0200-7500
- / 250	264.00	0,100	0,020	125.00	1.94	2,5 5 6 7,5 10 12,5 15	450-0250-7500
10 / 254	268.00	0,095	0,020	130.00	2.00	2,5 5 6 7,5 10 12,5 15	450-0254-7500

## Accessories



CLAMP 217



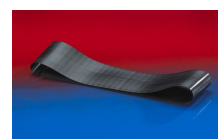
CLAMP 212



CLAMP 213



CONNECT 270-271



CONNECT 228

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at [www.norres.com/en/technology/](http://www.norres.com/en/technology/).