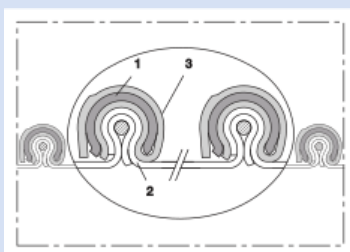


# CP ARAMID 461 PROTECT



Exhaust gas hose, vibration resistant, outer protection profile

## Applications

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

## Properties

- outer protection profile made of elasticized 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
- flame-retardant
- Aramid wall: Fire-class "M1" according to UNE 23.727-90
- 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 570°F \*
- \* when correctly applied with exhaust gas funnels and sufficient fresh air supply (50% approximate).

## Design

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

## Delivery variants

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

I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Dimensions in Stock	Production lengths	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
3 / 75-76	3.504	6.092	6.792	1.890	0.585	12.5 25	15 20	461-0075-7500
- / 80	3.701	5.874	5.906	1.929	0.618	-	12.5 15 20 25	461-0080-7500
4 / 100-102	4.488	3.626	3.544	2.283	0.591	12.5 15 20 25 30 40 50	-	461-0100-7500
5 / 125-127	5.472	3.191	2.510	2.756	0.733	12.5 15 20 25 30 40 50	-	461-0125-7500
6 / 150-152	6.457	2.031	1.477	3.189	0.706	12.5 15 20 25 30 40 50	-	461-0150-7500
8 / 200-203	8.425	1.668	0.886	4.055	0.867	12.5 15 20 25 30 40 50	-	461-0200-7500
- / 250	10.394	1.160	0.738	4.921	1.102	-	12.5 15 20 25 30 40 50	461-0250-7500

## Accessories



CONNECT 270-271



CLAMP 213



CLAMP 217



CLAMP 212



CONNECT 228

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at [www.norres.com/us/technology/](http://www.norres.com/us/technology/). NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68°F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.