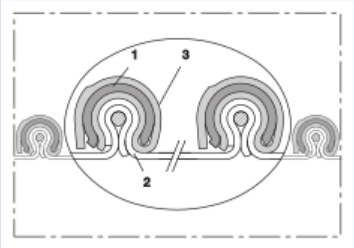
CP ARAMID 461 PROTECT





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

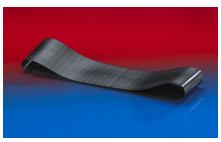
Temperature range
- exhaust gas temperatures to 570°F *
- * when correctly applied with exhaust gas funnels and sufficient fresh air supply (50% approximate).

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. (in / mm)	outer Ø (in)	Pressure (psi)	Vacuum (inHG)	Bending radius (in)	Weight (lb/ft)	Dimensions in Stock (ft)	Production lengths (ft)	Order No.
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 228


CLAMP 217


CLAMP 213


CLAMP 212


CONNECT 270-271

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/. 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.

2026/17