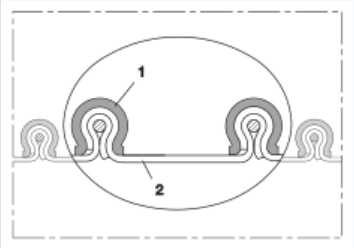
CP ARAMID 461





Clamp profile hose (clip hose), vibration-resistant (up to +572 °F)

Applications
- flexible hose/ ducting for hot and cold gases and for dust, powder, fibers
- vehicle/ car gas exhaust system, gas extraction: hose reel, slotted floor channel, underfloor extraction system
- high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill
- bellows, compensators

Properties
- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile
- highly flexible + compressible 4:1
- vibration resistant
- very good heat resistance
- good resistance to chemicals
- flame-retardant according to: DIN 4102 (orientation testing)
- Aramid wall: Fire-class "M1" according to UNE 23.727-90
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature range
- -75 °F to 500 °F
- short time to 570 °F

Design
- CP construction
- Clamp profile supporting spiral: galvanised steel
- wall: special-coated high-temperature fabric

Delivery variants
- further diameters and lengths available on request
- stainless steel (INOX)

I.D. (in / mm)	outer Ø (in)	Pressure (psi)	Vacuum (inHG)	Bending radius (in)	Weight (lb/ft)	Dimensions in Stock (ft)	Order No.
1,5 / 38	1.969	8.702	13.289	0.827	0.316	**25**	461-0038-0000
- / 40	2.047	8.485	12.993	0.866	0.329	-	461-0040-0000
2 / 50-51	2.441	7.615	11.221	0.984	0.417	**25**	461-0050-0000
2,36 / 60	2.835	6.962	9.450	1.102	0.491	-	461-0060-0000
2,5 / 63-65	3.031	6.672	8.564	1.181	0.531	**25**	461-0065-0000
- / 70	3.228	6.382	7.678	1.220	0.565	-	461-0070-0000
3 / 75-76	3.425	6.092	6.792	1.299	0.605	**25**	461-0075-0000
- / 80	3.622	5.874	5.906	1.339	0.638	-	461-0080-0000
3,5 / 89-90	4.016	5.439	4.134	1.457	0.712	**25**	461-0090-0000
4 / 100-102	4.409	3.626	3.544	1.575	0.578	**25**	461-0100-0000
- / 110	4.803	3.481	3.101	1.693	0.632	-	461-0110-0000
4,5 / 114-115	5.000	3.336	2.805	1.772	0.665	**12.5 25**	461-0115-0000
4,72 / 120	5.197	3.263	2.658	1.811	0.692	-	461-0120-0000
5 / 125-127	5.394	3.191	2.510	1.890	0.719	**12.5 25**	461-0125-0000
- / 130	5.591	3.118	2.215	1.929	0.746	-	461-0130-0000
5,5 / 140	5.984	2.973	1.772	2.047	0.800	**12.5 25**	461-0140-0000
6 / 150-152	6.378	2.031	1.477	2.165	0.558	**12.5 25**	461-0150-0000
6,3 / 160	6.772	1.958	1.329	2.283	0.598	-	461-0160-0000
6,5 / 165	6.969	1.886	1.329	2.362	0.618	-	461-0165-0000
- / 170	7.165	1.886	1.181	2.402	0.632	-	461-0170-0000
7 / 178-180	7.559	1.813	1.181	2.520	0.672	**12.5 25**	461-0180-0000
8 / 200-203	8.346	1.668	0.886	2.756	0.739	**12.5 25**	461-0200-0000
- / 225	9.331	1.595	0.738	3.071	0.833	-	461-0225-0000
- / 250	10.315	1.160	0.738	3.346	0.921	-	461-0250-0000
10 / 254	10.472	1.160	0.591	3.386	0.941	**12.5 25**	461-0254-0000

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.

CP ARAMID 461

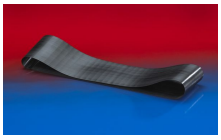
I.D. (in / mm)	outer Ø (in)	Pressure (psi)	Vacuum (inHG)	Bending radius (in)	Weight (lb/ft)	Dimensions in Stock (ft)	Order No.
- / 275	11.299	1.088	0.591	3.661	1.008	-	461-0275-0000
- / 300	12.283	1.015	0.443	3.937	1.102	-	461-0300-0000
12 / 305	12.480	1.015	0.443	4.016	1.122	**12.5 25**	461-0305-0000
- / 315	12.874	1.015	0.443	4.094	1.156	-	461-0315-0000
- / 325	13.268	1.015	0.443	4.213	1.190	-	461-0325-0000
- / 350	14.252	0.798	0.443	4.528	1.277	-	461-0350-0000
- / 400	16.220	0.725	0.295	5.118	1.458	-	461-0400-0000
16 / 405-406	16.457	0.725	0.295	5.197	1.485	**12.5 25**	461-0406-0000
- / 450	18.189	0.653	0.295	5.709	1.640	-	461-0450-0000
- / 500	20.157	0.580	0.148	6.299	1.821	-	461-0500-0000
20 / 508	20.472	0.435	0.148	6.417	1.848	**12.5 25**	461-0508-0000

Accessories


CLAMP 213


CLAMP 217


CONNECT 270-271


CONNECT 228


CLAMP 212

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