



Exhaust gas hose, vibration resistant, outer protection profile



Application

- 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

- 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 300 °C *

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 colours: coloured spiral
- stainless steel (INOX) clamp profile

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
3 / 75-76	89.00	0,420	0,230	48.00	0.87	2,5 5 6 7,5	-	461-0075-7500
- / 80	94.00	0,405	0,200	49.00	0.92	2,5 5 6 7,5	-	461-0080-7500
4 / 100-102	114.00	0,250	0,120	58.00	0.88	2,5 5 6 7,5 10 12,5 15	-	461-0100-7500
5 / 125-127	139.00	0,220	0,085	70.00	1.09	2,5 5 6 7,5 10 12,5 15	-	461-0125-7500
6 / 150-152	164.00	0,140	0,050	81.00	1.05	2,5 5 6 7,5 10 12,5 15	-	461-0150-7500
8 / 200-203	214.00	0,115	0,030	103.00	1.29	2,5 5 6 7,5 10 12,5 15	-	461-0200-7500
- / 225	239.00	0,110	0,025	113.00	1.49	2,5 5 6 7,5 10 12,5 15	-	461-0225-7500
9 / 228-229	243.00	0,110	0,025	117.00	1.55	2,5 5 6 7,5 10 12,5 15	-	461-0228-7500
- / 250	264.00	0,080	0,025	125.00	1.64	2,5 5 6 7,5 10 12,5 15	-	461-0250-7500
10 / 254	268.00	0,080	0,020	130.00	1.70	2,5 5 6 7,5 10 12,5 15	-	461-0254-7500

Accessories



CLAMP 217



CLAMP 213



CONNECT 270-271



CLAMP 212



CONNECT 228