



PARMECA®

Annularly corrugated stainless steel hose

PARMECA® is a mechanically formed, very flexible, annularly corrugated stainless steel hose. Excellent for use in extreme environments (-273°C to 600°C)

Easy assembling due to geometry. Excellent vibration absorber. Design and type approval in accordance with ISO-10380 standard.

Materials:

Corrugated hose: stainless steel 1.4404 (similar to AISI 316 L) or Stainless steel 1.4541* (similar to AISI 321)

Braid: stainless steel 1.4301 (similar to AISI 304)

Available unbraided (braid type 0) or with one braid (braid type A).

Application fields:

- transport of all kinds of liquids and gases with high demand for security and durability
- as leak-proof, mechanical protection, e.g. for applications in the petrochemical industry, in exhaust systems, in fields of air conditioning technologies etc.

DN [mm]	Braid type [-]	∅ Inside [mm]	∅ Outside [mm]	∅ Tolerance outside [mm]	Bend radius stat. Rs [mm]	Bend radius dyn. Rd [mm]	Admissible operating pressure 20°C [bar]	Burst pressure 20°C [bar]	BOA item n° Material: 1.4404 [-]	BOA item n° Material: 1.4541 [-]
6	0	6.4	9.8	± 0.4	9	-	36	>144	0000013826	
	A		11.4		25	110	158	632	0000013838	
8	0	8.3	11.9	± 0.4	11	-	23	>92	0000013827	
	A		13.5 ¹⁾		32	130	115	460	0000013839	
10	0	10.3	14.5	± 0.4	14	-	16	>64	0000013828	
	A		16.1 ¹⁾		38	150	85	340	0000013840	
12	0	12.3	16.6	± 0.4	16	-	16	>34	0000013830	0000013855
	A		18.2 ¹⁾		45	165	75	300	0000013841	0000013861
15	0	15.3	19.5	± 0.4	18	-	10	>40	0000013831	0000013856
	A		21.1 ¹⁾		58	195	56	224	0000013842	0000013862
20	0	20.1	25.4	± 0.4	25	-	10	>40	0000013835	0000013857
	A		27.0 ¹⁾		70	225	50	200	0000013844	0000013863
25	0	24.9	30.8	± 0.4	30	-	6.6	>27	0000013837	0000013859
	A		32.4 ¹⁾		85	260	38	152	0000013845	0000013864

¹⁾ Reduced dimensions

Production length: 25/100m

Useful data for placing an inquiry or order:

- Item description: PARMECA®
- BOA item n° (M-)
- Material
- DN
- Braid type
- Quantity

The three leaflets for metal hoses and metal hose assemblies "Technical Information", "Installation Instructions" and "Guarantee/ Delivery terms/ Conditions" are integrating part of the present product data sheet.