



TECHNICAL DATA

Range: INOXFLEX

Stainless steel double layer flexible liner

Designation:	Model	Standard	Designation	Diameter
	Inox 304	EN 1856-2	T450 N1 W Vm L20012 G	80-400
	Inox 316L	EN 1856-2	T450 N1 W Vm L50012 G	80-400
CE Certificate: 0099/CPR/A71/0064				
Application:	Exhaust flue gas for boilers. Liner. Air duct. Fume hoods extraction.			
Characteristics:				
Maximum use temperature	450 °C			
Pressure level	Negative pressure			
Condensate resistance	Resistant			
Corrosion resistance	Inox 304 → Good Inox 316L → Very good			
Fuel	Inox 304 → Gas and gas oil Inox 316L → Gas, gas oil and solids			
Sootfire resistance	G → Yes			
Minimum distance to combustible materials	No performance determined			
Placement	Interior			
Nominal diameters	Dn: 80, 100, 125, 150, 180, 200, 230, 250, 300, 350, 400 mm			
Internal/external diameters	D(inner)/D(outer): 80/87, 100/107, 125/132, 150/157, 180/187, 200/207, 230/237, 250/257, 300/307, 350/357, 400/407 mm			
Material	Inox 304 → L20 → Stainless steel AISI 304 (1.4301) Inox 316L → L50 → Stainless steel AISI 316L (1.4404)			
Thickness	0,12 mm			
Insulation	None			
Seal	None			
Compressive strength	Maximum load: 20 m			
Tensile strength	Maximum load: 20 m			
Crushing resistance	Until 640 N			
Flexibility	(Diameter) Minimum bending radius [mm] (80)190, (100)200, (125)225, (150)270, (180)300, (200)320, (230)360, (250)400, (300)480, (350)550, (400)750			
Torsion strength	No performance determined			
Pulling force	< 0,5 kN			
Support compressive strength	Maximum load: 20 m			
Lateral strength (wind load resistance)	-			
Non-vertical installation	45° maximum, maximum distance between wall supports: 3 m			
Application:	Resistant to freeze and thaw cycles			
Characteristics:	Unknown			
Maximum use temperature	Unknown			
Thermal resistance	0 m ² K/W			
Fire resistance	No performance determined			





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Fire reaction	Class A1
Others	There are specific accessories to assembly two hoses. The internal face is smooth. Install in favor of condensates. See figure 1. The liner can be cut.



Figure 1