

TECHNICAL DATA	Range: INOXFLEX			
	Double skin stainless steel flexible flue liner			

Designation:	Model	Standard	Designation	Diameter
	Inox 304	EN 1856-2	T450 N1 W Vm L20012 G	80 a 400
	Inox 316L	EN 1856-2	T450 N1 W Vm L50012 G	80 a 400
CE Certificate: 0099/CPR/A71/0064				



Application:	Exhaust flue gas for boilers. Liner. Air duct. Fume hoods extraction.
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Characteristics:	
Maximum use temperature	450 °C
Pressure level	Negative pressure
Condensate resistance	Wet operating conditions
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	Dint./Dext.: 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



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Freeze-thaw resistance	Resistant
Flow resistance: straight sections	Unknown
Flow resistance: fittings	Unknown
Thermal resistance	0 m ² K/W
Fire resistance	No performance determined
Fire reaction	Class A1
Another	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.



Figura 1