



Certificate No. 1020-CPR-070038635. Annex No. 7

Technical description of the product Metal positive pressure flue liners type SPS

Nominal diameter of flue liner [mm]	60	80	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500
Grade of material	1.4404, 1.4301 (1.4307), 1.4521																	
Thickness of flue liner [mm]	from 0,40 to 0,60																	
Area of flue liner intersection [cm ²]	28	50	78	98	117	135	152	179	203	254	317	399	494	706	968	1262	1597	1970
Purpose	Drain of combustion products of gas and oil from roomsealed heating appliances, components of flue gas chimney systems type CASCADE and LAS																	
Pressure level	Positive pressure, Pressure level: P1																	
Max. temperature of exhaust gases (Temperature class)	200°C (T200)																	
Condensate resistance *)	working dry - D, working wet - W																	
Distance to combustible material	min. 500 mm																	
Corrosion resistance	Vm (for grade 1.4521: V1, V2, V3)																	
Sootfire resistance	O - not resistant																	

*) - in CR established by national regulation – CSN 73 4201, Annex A

All chimney sections and fittings of Metal positive pressure flue liners type SPS (made by KOMIN-FLEX) should be designated in accordance with the following designation system:

EN 1856-2 T200 P1 W Vm L50xxx O500

<i>Standard number</i>						
<i>Temperature level (°C)</i>						
<i>Pressure level (positive pressure)</i>						
<i>Condensate resistance (D: dry, W: wet)</i>						
<i>Corrosion resistance (Vm – dec. of material type, V1, V2, V3 – tests)</i>						
<i>Flue liner material specification (L50 - steel 1.4404, thickness of flue liner .0,XX mm)</i>						
<i>Sootfire resistance (O: not resistant), distance to combustible material: min. 500</i>						

The stamp of the Notified Body 1020

Ostrava, 11 June 2018



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body