



**TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.**  
**Technical and Test Institute for Construction Prague, SOE**

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Certificate No. 1020-CPR-070038639, Annex No. 3

**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 duct intersection ~ ~[cm <sup>2</sup> ]	28	50	78	95	113	133	154	177	201	254	314	397	491	706	962	1256	1590	1962
Purpose	Drain of combustion products of gas, oil and pellet 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. 100 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:**

<b>EN 14989-2</b>	<b>T200</b>	<b>P1</b>	<b>W</b>	<b>Vm</b>	<b>L50xxx</b>	<b>O100</b>
Standard number	Temperature level (°C)	Pressure level (positive pressure)	Condensate resistance (D: dry, W: wet)	Corrosion resistance (Vm – dec. of material type, V1, V2, V3 – tests)	Flue liner material specification (L50 - steel 1.4404, thickness of flue liner .0,XX mm)	Sootfire resistance (O: not resistant), distance to combustible material: min.100

The stamp of the Notified Body 1020

Ostrava, 2 June 2025



Ing. Vladimír Plaček, Ph.D.  
 Deputy manager of the Notified Body