

HIGHLIGHTS
BENEFITS

- ☐ **Easy mounting and welding**
- ☐ **Possibility to choose the precise amount of getter to be inserted into the lamp**
- ☐ **High sorption speed due to high exposed getter surface**

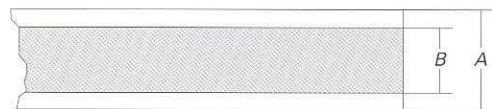
Typical process to achieve total activation:

- ☐ **700°C for 20-30 seconds**
- ☐ **500°C for about ten minutes**
- ☐ **350°C for about two hours**

St787 COATED STRIP

St787 coated strip consists of a layer of St787 powder (Zr-Co-Rare Earths) firmly fixed on both sides of a thin metallic strip of nickel plated iron.

This getter offers considerable sorption speed due to the large exposed surface.



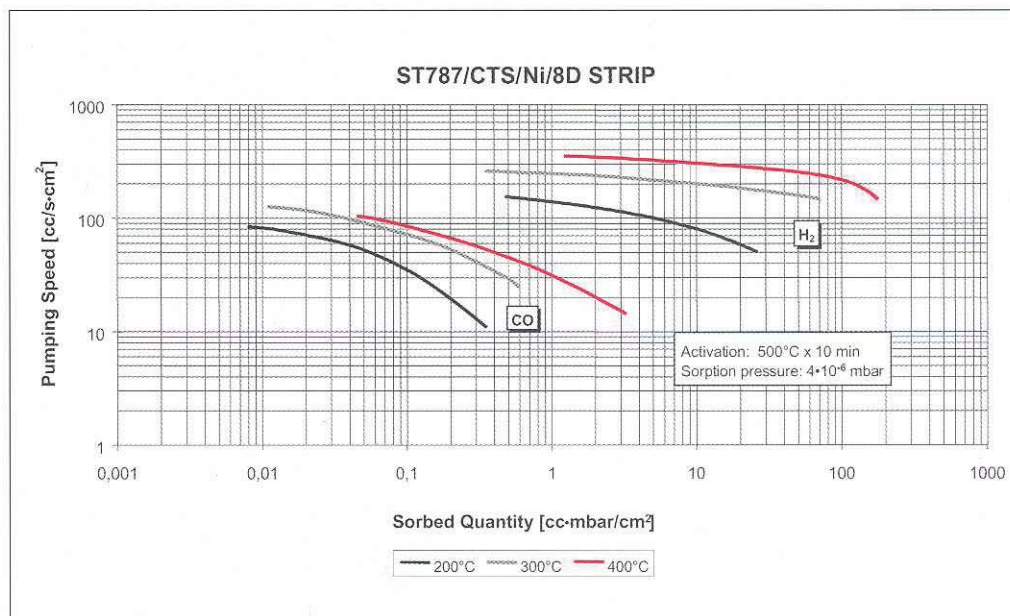
Before use the continuous strip has to be cut in pieces having the required length. In this way maximum flexibility in choosing the right amount of getter to be inserted into the lamp is guaranteed.

The strip has uncoated edges to allow easy spot welding of the pieces to suitable supports.

The getter can be activated by RF induced heating. But St787 is a low temperature activatable getter alloy and so it can start sorbing gases as consequence of the heat radiated by the lamp burner, without need for a specific activation step during production process.

St787 can work under vacuum, in inert gas or in nitrogen atmosphere (in the latter case getter temperature must be kept below 400°C).

Code	Description	Base material	Exposed active surface	Nominal St787 content (mg/cm)	Nominal dimensions (mm)		Quantity	
					A	B	Spool length (m)	Spool/can
4F0282	St787/CTS/NI/8 D Strip	Nickel plated iron	110	36	8	min. 5.5	50	5
4F0283	St787/CT/NI/8 D Strip	Nickel plated iron	110	36	8	min. 5.5	50	5
4F0293	St787/CTS/NI/6.3 D Strip	Nickel plated iron	76	32	6.4	3.8	50	5



ST787 coated strip is usually supplied in 50 m long spools, contained into a sealed metallic can under a helium protective atmosphere.

Spools of St787/CTS strip are guaranteed to be continuous; in case of St787/CT strip spools may be not continuous (maximum 2 joints in a 50 m spool)

SAES Getters can guarantee for highest quality and performances of St787 getters thanks to its long term experience, advanced production technology and big care applied in each single step, from base alloy preparation up to final product assembling.

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