

# SCA FlexS.Seal applicator

## 2K flat stream application for fire protection in EV battery assembly



The SCA FlexS.Seal is an applicator especially developed for the wide flat stream application of liquid 2K fire protection materials in battery assembly.

To meet the upcoming legal requirements for fire protection in EVs, more and more manufacturers are currently relying on the application of liquid 2K fire protection materials on the battery cover.

Common airless spray solutions contaminate the factory with hazardous material particles and pose a health risk to workers.

With the FlexS.Seal we have the solution. The applicator with static mixer and additional needle valve applies even demanding 2K materials in a precise wide flat stream with clean beginnings and ends.

### Main features

- Sharp-edged application with no overspray
- Pressure optimization through additional needle valve ensures clean beginnings and ends
- Dead space optimized to avoid residues
- No nozzle stoppers, gapless application

### Values compared to airless spray

- Reduced health risk for operators
- Reduced factory and equipment contamination
- Less material usage due to precision
- Cost savings and zero waste due to reduction of masking

### FlexS.Seal (87670.00001)

Weight	12,9 kg
Dimensions [length x width x height]	501,3 x 186,2 x 415,3 mm
Max. operating pressure	170 bar
Max. operating temperature	60 °C
Air connection	G 1/8"
Heating power / voltage	250 W / 230 V AC
Noise emissions	< 70 dB (A)

### Application capabilities

Width	80 mm – 120 mm
Film built	0.6 mm – 1.3 mm
Flow	15 ccm/sec – 35 ccm/sec

*The FlexS.Seal is currently only validated with Henkel LOCTITE® EA 9400. Other materials must be tested.*