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Henkel Gasketing Solutions for EV Battery Systems

Our broad solution portfolio has been specifically designed with a focus on:

System Cost

- Short cycle times
- Automated production process

Safety & Reliability

- Thermal management
- Flame retardancy UL94 compliance

Lifetime Performance

- Fast charging and discharging
- Serviceability

Vehicle Integration

- Crash resistance
- Lightweighting

Driving e-Mobility, together.

Henkel

LOCTITE® TEROSON®

Henkel Gasketing Solutions for EV Battery Systems

Product	Chemistry	Curing	Serviceability	Key properties
LOCTITE SI 5486 [1]	Silicone foam	FIPFG	Yes	» Low compression set with excellent sealing and aging performance » Exceeds UL94 V-0 Flame Retardancy
TEROSON MS 939 FR	Silane-modified polymer	RTV / FIPG	Yes*	» Good moisture barrier » Good elongation
LOCTITE ESB 5100	Butyl	Non-reactive	Yes	» Non-curing » Permanent tacky » Pumpable
TEROSON MS 9320 SF	Silane-modified polymer	RTV / FIPG	No	» Non-silicone » Sprayable » Low viscosity » Weld sealant
TEROSON MS 930	Silane-modified polymer	RTV / FIPG	Yes*	» High viscosity » Weld sealant » Non-silicone » Paintable » UL94 HB Flame retardancy
SONDERHOFF FERMAPOR K31 SERIES	Polyurethane foam	RTV / FIPFG	Yes	» Customizable » Compressible » Fast-cure » Tolerance adaptable » Complete system solution with dosing equipment
SONDERHOFF FERMASIL SERIES	Silicone foam	RTV / FIPFG	Yes	» Customizable » Compressible » Water-resistant » Tolerance adaptable » Complete system solution with dosing equipment

No Number: Available globally | 1: Available only in APAC

* Tools required

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