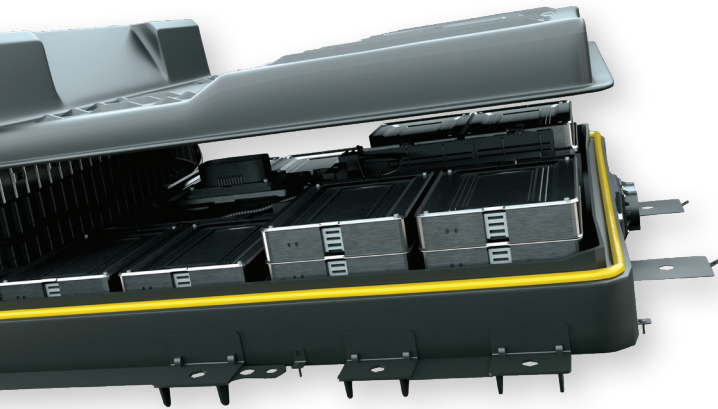


# Access Without Compromise

## Scalable Platform for Custom Resealable Gasketing

As batteries and electronics grow more advanced, manufacturers are looking to improve reusability, serviceability and end-life recyclability — but traditional gaskets can limit performance. With this end-to-end production solution from Ellsworth Adhesives, you can create custom gaskets in any shape for strong, resealable ingress protection.



### Improve Serviceability:

IP-67 gasket allows repeated opening and closing

### Speed Up Production:

Precision equipment allows quick bulk production

### Simplify Training:

Easy-to-use system can dispense complex shapes

### Increase Quality:

Reduce manual errors with  $\pm 0.008\text{mm}$  repeatability



## EV Seal 500

### Enabling Serviceable Enclosures

Create strong gasket seals that allow repeated access without constant replacement. This thermoplastic hot melt adhesive maintains elasticity and adhesion through open-close cycles, but resists compression damage, allowing you to create reusable gaskets that keep out dust and water while simplifying repeated access to modules.

**Diverse Compatibility:** Works well with steel, aluminum, cast iron, and metals

**High Compression Recovery:** Returns to 99% of original thickness after 24 hours

**Environmentally Resistant:** Strongly withstands aging, chemicals, and weathering

**Easy to Use:** No mixing required, non-hazardous, quickly ready for assembly

**Designed for Recyclability:** Easily removed and recoverable at end-of-life



Explore the integrated robot and bulk melter setup that maximizes throughput →



## F4503N 3-Axis Robot

### Precision Dispensing for Any Gasket Shape

Create simple lines and patterns or complex geometries with high accuracy. Large work area and high-speed precision robotics maximize throughput for diverse production lines. Easily create complex gasket patterns without intensive operator training by importing design files or using the included teach pendant.

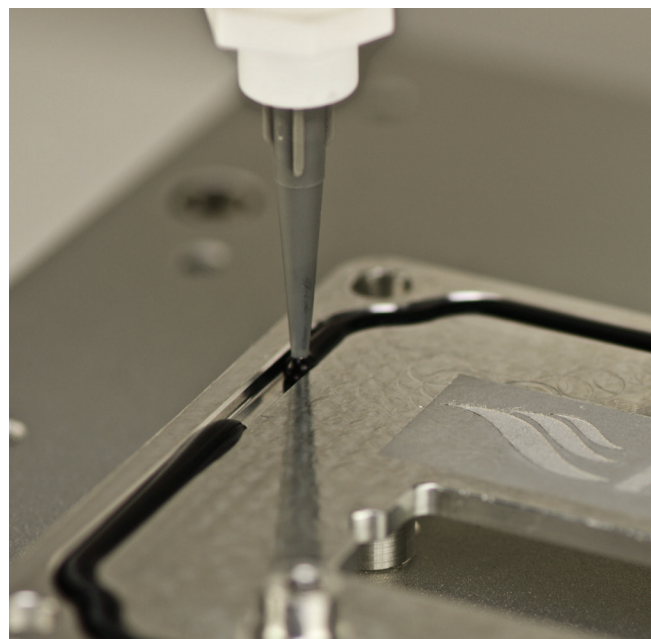
**Easy Setup:** Quickly program complex patterns with minimal training

**Complex Capabilities:** Create lines, arcs, circles, and custom patterns

**Large Work Surface:** 500x500x150mm work area for versatile modules

**Modular Systems:** Options for vision systems, sensors, and safety enclosures

**High Precision:** Achieve  $\pm 0.008$ mm repeatability and reduce errors



## DM5 DynaPail™

### Reliable Hot Melt Delivery

Consistent temperature control and reliable pumping to prevent production slowdowns. Avoid interruptions across runs with the help of smart temperature and material level monitoring alongside automated controls. An easy-to-clean platen pump accepts standard 5-gallon pails and can deliver a high-volume of material.

**Self-Diagnostics:** Proactive system self-monitoring prevents unexpected maintenance

**Quick Changeovers:** Easy pail swap-outs and field-removable platen

**Multiple Outputs:** Two hose outputs and two auxiliary connections

**Compact Footprint:** Easily installed into most production lines

**Versatile Melting:** Capable from 40°C to 232°C with multiple power input options



## Ready to Design your Custom Gasketing System?

Start talking about project requirements and specifications with an Ellsworth Adhesives Engineering Sales Representative today.

### Global Network, Local Support

Our experts reach across the globe for materials and hardware and deliver them with a localized approach.



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