



L&L SEAL
EXTRUDE-IN-PLACE
(XIP™) TECHNOLOGY

Robotically Extruded Sealants.

L&L Products' robotically extruded sealant technology combines our custom formulated chemistry with the capability of a fully automated application process.

llproducts.com

**L&L SEAL
EXTRUDE-IN-PLACE (XiP™) TECHNOLOGY**

**For Fully Automated
Application Processes.**

Our robotically extruded compatible materials are formulated to be dry-to-touch immediately after being extruded onto the substrate for improved handling and superior uncured state adhesion (no E-coat wash off). This technology offers a high level of repeatability for applications of varying complexity.

XiP™ technology is commonly used to seal areas where it is difficult to prevent the intrusion of water, air, dust, and fumes into the vehicle. When applied to door beams or roof bows and coupled with our acoustic sealant technology, it drastically improves the acoustic performance of a vehicle by damping the vibration between the components and the body panels.



XiP™ is ideal for applications that require extreme precision and design flexibility in order to accommodate varying build conditions.

KEY PRODUCT ATTRIBUTES



STRONGER

- Superior uncured state adhesion to a wide range of substrates
- Adhesion to most substrates



QUIETER

- Improved acoustic & sealing performance



PROCESS IMPROVEMENT

- Dry-to-touch material
- Full automated with high repeatability
- No waste from purging



DESIGN FLEXIBILITY

- Low read-through
- Versatile design capability

APPLICATIONS

Roof Bows

Rear Lamps

Pillar Closures

Front Fender Baffles

Door Beams

