

i About Intercept LiteLock™

The Intercept LiteLock™ system by GED Integrated Solutions and Vitro is a new extruder tip and sealant bead application system that provides licensees of Intercept® insulating glass technology with extraordinary efficiency, performance and quality improvements.

Intercept LiteLock™ facilitates up to 20% faster IG Oven & Roll Press processing speed while creating a wider processing window. The impact on the Intercept® insulating glass unit (IGU)? A more consistent and secure spacer seal that maximizes window insulating performance. The impact on your operations? Not only more speed, but also reduced energy consumption, precise sealant application, and a smoother, more forgiving application process. LiteLock also has been rigorously tested with triple glazed IGUs.

Upgrading your existing GED Intercept® spacer system to Intercept LiteLock™ is a minimally invasive process compatible with all GED SmartExtruder™ i-3 sealant and desiccant application systems.

✓ Features

High-Speed Processing

- Up to 20% faster processing through Intercept® IG Oven & Roll Press

Wider Processing Window

- Improved ability for double-glazed IGUs to achieve consistent sealant thickness over a wider range of GED IG Oven & Roll Press processing variables
- Consistent seal thickness on all four sealant

layers with triple IGUs

- More tolerant of spacer splay and handling damage during spacer folding
- Proper sealant wet-out that is less dependent on spacer splay

✓ Features Cont.

Improved Glass and Spacer Adhesion

- Greater surface area of the sealant is exposed to IR heating in the GED IG Oven & Roll Press – 48% more than standard extruder tips
- Less dependent on roll pressing to move sealant to final dimensionally tolerant position
- Reduction of air entrapment along the original wet-out contact point for superior adhesion to glass

Sealant Material Reduction

- Precise application and reduced squeeze-out minimizes waste
- Elimination of material press-out the back of Intercept spacers
- Reduces possibility of unwanted sealant beyond the glass edge
- Reduces sealant sticking to carts and gloves

Robust Triple IG Processing

- Rigorously tested process with thickness/temperature recommendations

Optimized Process Efficiency


- High speed, low-temperature processing through IG Oven & Roll Press
- Energy savings (electric to run IG Oven & Roll Press)
- Faster IR heating of sealant due to increased surface area vs. standard tips

Easy to Upgrade

- Minimally invasive upgrade
- Compatible with all GED SmartExtruder™ i-3 sealant and desiccant application systems

RFQ Request for Quote

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Literature IG-LiteLock1000000V1



Designed & Manufactured in the USA

About GED Integrated Solutions

GED Integrated Solutions is a Worldwide Supplier of fully integrated insulating glass (IG), vinyl window and door robotic automation fabrication systems and software. GED leads the industry with quality, capacity and cost-effective solutions as demonstrated by the revolutionary Intercept® Warm Edge spacer frame production systems as well as our innovative vinyl automation systems and value-driven scheduling and analytics software. GED’s commitment to innovation, that addresses our customers’ needs, is proven by the fact that 22 of the top 25 window and door manufacturers utilize GED’s equipment and software.