



Design and Assembly Success Stories

Fast reliable fixturing of weatherstripping in window molding

3M Product 3M™ Scotch-Weld™ Bulk Hot Melt Adhesive System – 100% solids formulations available as pellets, discs, and bricks for use in commonly available bulk application equipment. Line includes versatile formulations for bonding a wide variety of substrates.

Manufacturer Profile East Coast manufacturer of vinyl extrusion windows and doors. Multiple extrusion lines for high volume production of PVC moldings.

Application Hold weatherstripping in channel of PVC extrusion as a saw cuts 16' lengths to size. As the blade moves up and down, the weatherstripping would pop out and slow production.

Manufacturer Needs Cost-effective fixturing of the weatherstripping to eliminate production slow down due to weatherstripping reinsertion.

Previous Methods Manual reinsertion of weatherstripping.

Manufacturer Benefits 3M™ Scotch-Weld™ Bulk Hot Melt Adhesives provide:

- Productivity with the hot melt adhesive applied into the channel simultaneously with weatherstripping insertion.
- Adhesive cools and hardens to reach bond strength in seconds without clamping. Keeps production moving.
- Secure bonding of weatherstripping to the PVC with strength to resist blade action.

