

Why use Plexus on thermoformed plastic?

- Reduces tooling cost by eliminating molded in features
- Requires minimal surface preparation
- Enhances design freedom by joining dissimilar materials
- Reduces assembly cost

The major advantages of Plexus Adhesives

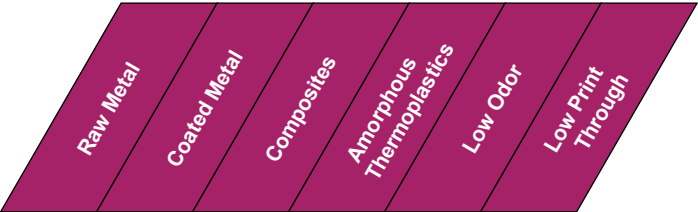
- Durable, long-lasting bonds
- Simplifies the assembly process
- Can be used in a variety of applications
- No print-through with specialty formulas

The Plexus range of MMA's, hybrid, and PU adhesives are designed to produce high strength bonds to thermoformed parts, can be applied with minimal to no surface preparation, and cure quickly over a wide range of temperatures. They accommodate the full scope of possible bonding applications for the thermoforming industry.



Structural Bonding Solutions for Thermoformed Parts

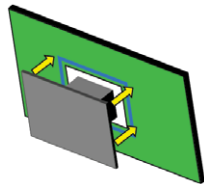
Unlock new design choices! Efficiently and durably bond thermoformed plastics to gaskets, metals, composites, and other plastic materials with no print-through



Product	Description	Color	Mix ratio by volume	Working Time, mins	Substrate				Properties	
MA8110	Low odor, universal bonding, medium open time	Gray	1:1	8-12	●	●	●	●	◐	◐
MA8120	Low odor, universal bonder, medium open time	Gray	1:1	18-22	●	●	●	●	◐	◐
MA300	High strength for Primary static applications	Black, Straw	1:1	3-10	◐*	●	●	●	-	-
MA205HV	Fastest curing, dynamic stress capable	Green	10:1	3 - 6	●	●	●	●	-	-
MA420	General purpose, dynamic stress capable	Blue, Black, Straw	10:1	4 - 6	◐*	●	●	●	-	-
MA1020	General purpose, low print	Blue, Straw	10:1	4 - 6	◐*	●	●	●	◐	●
MA320	General purpose, dynamic stress capable	White	10:1	8 - 12	◐*	●	●	●	-	-

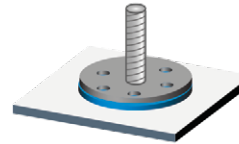
● Excellent ◐ Good *Use PC120 Cleaner

How Plexus adhesives fit into the Thermoforming process:



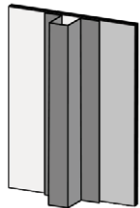
Inserts

Effectively bond secondary materials into the original thermoformed part



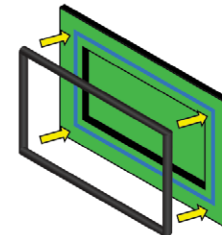
Dissimilar materials

Primerless adhesion to a variety of substrates



Stiffeners

Bond metal stiffeners onto thermoformed parts with minimal surface prep



Clips, fasteners, gaskets

Quickly join items such as clips and fasteners to the molded part