

CUSTOMER

Plastic Injection Molding
Manufacturer

PART

Plastic molded cover for alarm
system control module

MATERIAL

3M 2105C low-tack protective
tape

MARIAN ADVANTAGE

Material expertise; Ability to
manufacture final parts kiss-cut
to a roll with pull-tabs.

CHALLENGE

The customer required a cling film material to protect the molded plastic piece they manufactured that would act as the alarm system control module display cover. The customer experienced difficulty in finding a cling film that would adhere to the plastic material of their part (polymethyl methacrylate).

SOLUTION

Instead of a cling film, Marian material experts recommended a low-tack protective tape, 3M 2105C. This low-tack adhesive adheres to the specific plastic material of the customer's part and removes easily without leaving residue. Marian also provided precise die cut parts kiss-cut to a liner with pull-tabs for easy removal and efficient assembly by the customer.

CUSTOMER BENEFITS

- **Material Expertise** – Marian works with a wide variety of thin materials and adhesives. Our material knowledge is vast. The material recommendation of a 3M 2105C low-tack protective tape has proved to be a

much better fit than the cling films tried previously.

- **Capabilities** - Marian's laminating and rotary die cutting skills are unmatched. Marian produced a precision die cut part that met the customer's specifications, kiss-cut on rolls with pull-tabs improving ease of assembly.
- **Efficiency** – The final solution that Marian provided was easy to apply due to the pull-tabs and rolled final packaging. The customer could assemble the adhesive onto the part more efficiently.

*Die-cut protective
tape on the
customer's molded
plastic part*



*Representation
of the final alarm
system control
module (not the
actual product)*