

DIE-CUT PAINT MASKING FOR MOLDED SPOILER

CHALLENGE: Customer masking a large section of the bottom side of their plastic injection molded spoiler with 1” and 2” wide rolls to prevent paint from contaminating the surface during the painting and baking process. Sharp paint lines were critical, and no paint bleed through onto the masked surface was permissible. Existing method was unacceptably slow and open to variation results.



MATERIAL: 3M™ High Performance Green Masking Tape 401+

- Can easily be die-cut to precise shapes and sizes
- Improved adhesion initially and through bake cycle
- Removes cleanly
- Provides sharp, well defined paint lines



SOLUTION: Custom Paint Mask for Spoiler

- Designed with split butterfly liners for application simplicity
- Significantly faster application and removal process than strips of tape
- Die-cut masks eliminated rejections and rework due to tape lifting and paint bleed-through.
- Eliminated the need for sharp blades to cut tape strips



3X

FASTER
PROCESS

75%

REDUCTION
IN REWORK

60%

REDUCTION IN
LABOR COSTS