



Plasto-Mend Non Rigid

Plastic Repair Procedure 1407-C

When using plastic weld or urethane repair material for tears, holes, rips, etc. on plastic bumpers it has been found that these materials can cause problems with material used on top, such as epoxy repair material. The plastic weld or urethane repair material will release a gas/liquid under elevated temperatures, such as in bake booths¹. The temperature needed to release this gas or liquid is more than 140°F. Plastics can absorb more heat than metals and retain the heat longer. If a vehicle is heated to 170°F, it will have a metal temp of 140°F, but the plastic material on the vehicle will be over 150°F and remain high even after the vehicle is removed from the booth. The longer a plastic weld or urethane repair is heated over 140°F, the more it will release the gas/liquid.

Transtar 1407-C is a flexible epoxy material, which has been heated to 200°F without failure. However, when used over plastic weld or urethane repair materials at high temperatures, it will cause the repair area to flex and form a blister from the releasing gas. This has been noted when a booth is heated to 170°F. This blistering has not been seen when adhesion promoter is used over the repair material and under the epoxy.

For best results, before 1407-C is applied over a repair, an adhesion promoter such as Transtar's 1023-F Plasto Mend Adhesion Promoter or 1033 Mul-Tie Adhesion Promoter is recommended. Failure to properly prepare the plastic weld or urethane repair material prior to top applications can result in failure and loss of warranty.



Product Availability:

1407-C Plasto-Mend Non Rigid, 12.8 oz Universal Tube, 6/case