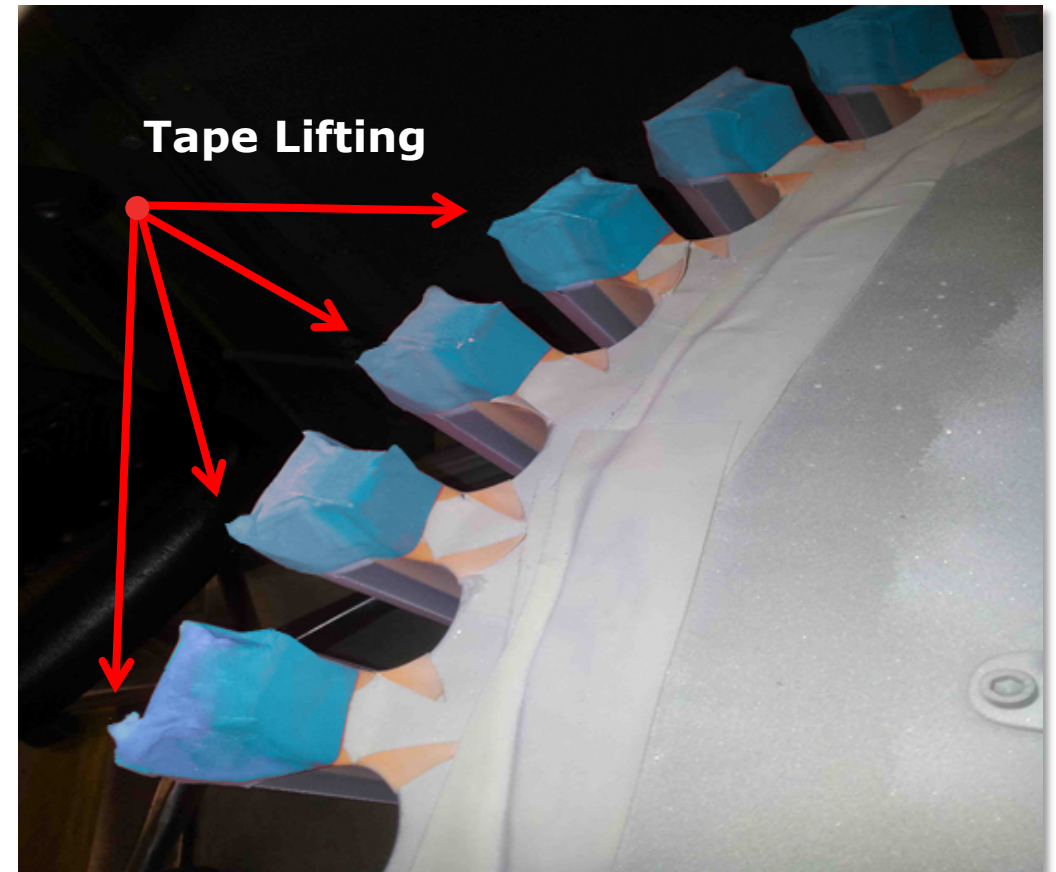


# Importance of Conformability

# PROBLEM

## Tape lifts, exposing non-target surfaces

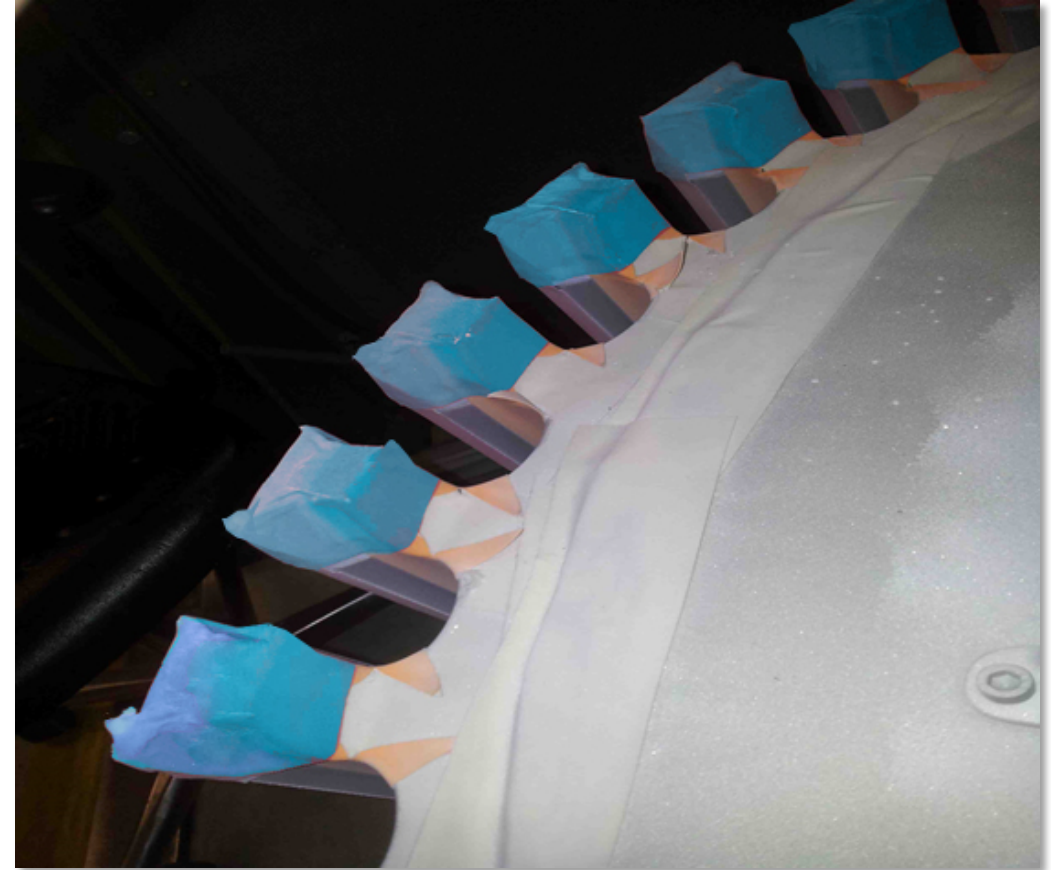
- Extra time required to repair / re-work affected parts
- Higher number of rejected parts
- Use of smaller tape pieces requires additional cutting & fitting time, and wasted tape
- Increased costs



# CAUSE OF PROBLEM

## Poor tape conformability

- Inferior or incorrect tapes can pucker along curved edges allowing the force of the spray to lift the tape
- Differing glass styles and coating mix and structure contribute to tape inflexibility
- Thicker, stronger tapes are less flexible
- Lower quality tapes lack strength and flexibility
- Poor adhesion (face-to-back and face-to-metal) is a factor with lower quality tapes



# SOLUTION

## Use the appropriate masking materials – Tapes

- All 170 series Thermal Spray Masking tapes combine strength and thickness with optimal flexibility
- HVMT Orange – combines superior conformability with high tensile strength and resistance to the extreme heat, force, and abrasion of GF-HVOF spray
- Highest levels of adhesion to metal adhesion available
- Highest levels of face-to-back adhesion available



# SOLUTION

## Use the appropriate masking materials – Compounds

- Masking compounds offer ultimate conformability for masking in tight spaces, holes
- Resistant to heat and abrasiveness of all forms of thermal spray coatings and surface preparation
- Ideal for forming plugs for small holes
- Easy to use
- Re-usable

