



FRP (Fiberglass Reinforced Polyester), GRP (Glass Reinforced Polyester)

Problem: Poor wetting of release agent is observed after drying.

Solutions:

1. To remove streaking - Polish the mold surface with a dry cloth. If the streaks are not removed then polish the mold surface with a cloth dampened with the release agent.
2. To aid the wetting of the release agent - Decrease the amount of release agent being applied.
3. Ensure the mold surface is free of any material that may cause poor wetting. Ensure the tool is clean.

Problem: Poor tape test

Solutions:

1. Allow the material to cure longer before next tape test.
2. Applying heat to the mold will advance the cure. A typical cure can be obtained at 100°F x 30 minutes.

Problem: Pre-release of the part was noticed.

Solutions:

1. Wipe off excess release agent or apply less release agent in that area of the mold.

Problem: Poor release

Solutions:

1. Verify the material is cured by doing a tape test.
2. Apply additional coats of the release agent and verify the material is cured.
3. If the mold is new or recently repaired then a sealer or additional coats of release agent are needed.

Problem: Gloss is too low

Solutions:

1. Polish the mold surface to remove excess release agent and to ensure a uniform appearance.

Problem: Semi-permanency is poor

Solutions:

1. Touch up the mold more frequently in an effort to break the tool in.
2. Ensure the release agent is properly cured.
3. Ensure the mold surface is clean.