



# **ENSURE PRODUCT RELIABILITY WITH LOCTITE® INSTANT COMPONENT BONDING SOLUTIONS**

**LOCTITE® 401™**  
INSTANT COMPONENT BONDING SOLUTIONS



# LOCTITE® 401™ INSTANT COMPONENT BONDING SOLUTION

## CUSTOMER CHALLENGE

A manufacturer of a mobile phone holder was having reliability concerns with their current production process. Rubber feet on the holder were assembled using a mechanical snap fit, however they were falling out during and after assembly. The company was looking for an adhesive solution that was fast curing and had adhesion to TPE Rubber & Polycarbonate. In addition the solution needed to survive a minimum 1 year warranty.

## HENKEL SOLUTION

Team LOCTITE® recommended LOCTITE® 401™ in conjunction with (2) 500 D Dual Benchtop Robots. LOCTITE® 401™ was automatically applied to the polycarbonate with the 500 D Dual Benchtop Robot. The rubber feet were then snapped in and held by the adhesive. The solution was able to have a Fast Cycle time while meeting the manufacturer's warranty requirements. LOCTITE® 401™ had high adhesion to PC and PTE so the process was able to be implemented quickly. As a result of this new process, the manufacturer was able to reduce a 20,000 unit backlog in time for the Christmas shopping season.

## BENEFITS

- Fast cycle time
- Meets warranty requirements
- High adhesion to PC and PTE
- Speed to market

