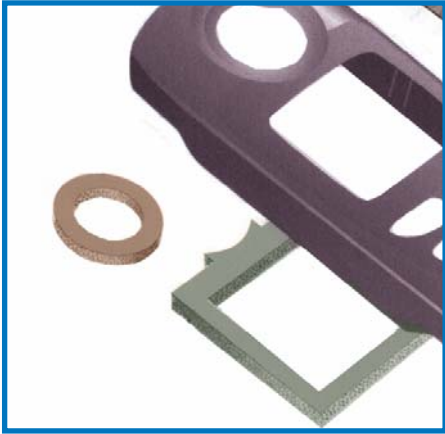


# Application Study

## ASSEMBLY OF 2 DISPLAY DUST SEALS



### TASK

Provide a completed sub-assembly by simultaneously peeling two adhesive-backed foam components and placing them on two different levels in a mobile phone housing.

### CHALLENGE

- Both adhesive components are made of foam and difficult to peel.
- The gasket must be repeatedly placed within a tolerance of  $\pm 0.02$  mm.
- The project's lifetime and volume requirements are uncertain.
- Both components must be placed simultaneously onto different height levels.

### SOLUTION

- Model 3065
- Customized spring loaded chuck
- Customized nest
- Benchtop configuration for semi-automatic operation
- Rewind reel

### FEATURES & BENEFITS

- AccuPlace's peeling technology allows for consistent peeling of the components.
- The spring loaded vacuum chuck peels both components simultaneously and places them by means of the spring loaded actuator onto two different height levels in one step.
- The bench top platform consisting of a base with feet, built-in power supply, and 2-hand control provides a simple cost-effective solution that captures the quality benefits of automation.
- The only customized components are nest assembly and vacuum chuck. By changing these two custom parts, the machine can be quickly retooled to run any successive mobile phone project requiring adhesive component assembly.

