

ASSEMBLY OF A SEALING TAPE ONTO AN INK JET CARTRIDGE



TASK

Assemble a sealing tape in 2 dimensions over the print head of an ink jet cartridge.

CHALLENGES

- The sealing tape must be applied in a 2 dimensional "U"-shape over the print head.
- The print head is very sensitive and vulnerable to damage.
- The clear sealing label is difficult to detect.

SOLUTION

- Model 3065
- Customized profiling chuck
- Rewind reel
- Nickel peel plate kit

FEATURES & BENEFITS

- The nickel peel plate kit optimizes the reflectivity of the fiber optic sensor ensuring consistent sealing tape positioning.
- After peeling the customized profiling chuck applies the seal to the top of the print head. Rollers integrated into the chuck then extend and wrap the seal 90 degrees down the sides of the print head.
- The chuck is manufactured with low durometer material to protect the print head.

