

Quality Control Innovation

Wall Thickness Measuring Tool

Description

Measuring tool designed to take a thickness measurement on a product at 12" from the end of the product as required by ASTM. The measuring device allows for reading the measurement while the tool is still on the product, ensuring accuracy of the measurement

Project Initiation

It is difficult to take a wall thickness measurement 12" from the end of the product as required by ASTM. Measuring tools commonly

available are accurate, but not deep enough or wide enough to measure our products in the way intended. We wanted a tool that had the reach and size to perform this measurement. Tools specially made for this task that we've seen in the past had the reach, but were not able to take a measurement while still on the product, these tools typically are removed from the product and the set distance is measured. This new tool allows us to measure while still on the product for maximum accuracy.

Project Benefits

This has allowed us to more accurately measure our wall thicknesses, while also adhering to the requirements of ASTM for taking that measurement. It has also sped up this measurement and allowed us to take multiple measurement on each wall to verify that we are getting a good measurement reflective of the whole wall versus one spot

