

# Application Report

## Tortilla Tensile Tests

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## General

The purpose of this test was to quickly assess the ability of the In-Spec 2200 Bench-Top Mechanical Tester to perform tensile tests on tortilla. This was done without any special fixturing - for demonstration purposes only.

## Sample Preparation

Five samples were cut from store-bought tortilla (El Paso Brand), according to dimensions provided by the customer.

## Tensile Testing

The tensile tests were performed on an In-Spec 2200 Bench-Top Tester in the vertical configuration, equipped with manual single-side-acting mechanical grips. The unit was equipped with a 10 lbs. load cell, with data acquisition via HandSpring Visor and aftermarket Targus keyboard. The tests were run at a speed of approximately 10 inches per minute.

## Results

The graph shows the results of the five tensile tests. The small amount of inconsistency between the shapes of the curves can be attributed to imperfections in the tortilla samples. All data provided resulted from clean breaks in the gage section of the samples.



## Conclusion

With proper fixturing, the In-Spec 2200 Bench-Top is suitable for tensile tests on tortilla samples, and can provide useful information as to the consistency and freshness of the tortillas tested.

**Tortilla Tensile Tests**

