



# THIELE 4603 WOVEN POLYPROPYLENE SEALER

Thiele bag sealing systems are engineered to deliver consistent, dependable performance in demanding applications. From pre-glued multi-wall paper bags to more complex woven polypropylene bag constructions requiring enhanced sealing control, our sealers provide the accuracy, ease of use and throughput your production line requires.

Thousands of installations worldwide demonstrate the reliability and value of the Thiele bag sealing family.

**SECURE | EFFICIENT | PROVEN**

# WHY CHOOSE THE 4603 THIELE BAG SEALER?

## Engineered for Productivity and Reliability

The Thiele 4603 builds on the proven AeroSeal platform, is specifically designed for heat sealing stepped-cut, woven polypropylene (WPP) bags for applications where consistency, seal integrity, and process stability are critical.



**High Throughput** — Seal speeds aligned with production rates required for demanding operations, ensuring consistent flow across the line.



**Low Maintenance Design** — Durable components, minimal wear parts, and simplified adjustment mechanisms support long-term reliability and reduced service requirements.



**User-Friendly Operation** — Intuitive controls and adjustable heater systems enable fast setup and smooth product changeover.



**Versatility** — Designed to support a range of bag constructions, including pre-glued multi-wall paper bags and applications requiring enhanced sealing performance.



**Dependable Performance** — Built on a proven platform with thousands of installations, delivering consistent operation with minimal downtime.



**Precise Sealing** — Controlled heating and sealing process enables consistent bag closure and improved seal integrity across varying conditions.

### Applications/Industries:

- ✓ Bulk Ingredients
- ✓ Industrial
- ✓ Food
- ✓ Agriculture
- ✓ Chemicals
- ✓ Minerals

## Sealing Solutions That Fit Your Production.

Thiele bag sealers have been developed to integrate easily into production lines, offering flexible infeed options, height adjustment, manual or automatic bag entry guides, and robust control systems.

The Thiele 4603 extends this capability with improved process control and sealing consistency, making it well suited for applications requiring tighter control over sealing conditions & repeatability.

While specifically designed for WPP bags it also seals stepped-cut multi-wall paper bags delivering stable performance with minimal interruption.

With decades of engineering expertise and a large installed base backing the platform, the Thiele 4603 provides a sealing solution you can depend on.

Specifications	
Production Speed	
120 ft/min (Nominal)	
Dimensions	
Length	75.46"
Depth	43.75"
Height	Adjustable range ~5'6" to 8'5"
Power Requirements	
Input Power	480V 3PH, 60Hz, 40AMP
Air Requirements	
Operating Pressure	90 PSI, 20 CFM



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Let's design a solution together.

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