

JOHNS MANVILLE'S ZESTON® PVC

At JM we are committed to delivering positive and powerful experiences, because we are successful only when our employees and customers thrive. Therefore, over the last 4 years we have carefully considered your needs, feedback and input while thoroughly examining the performance characteristics of our Zeston PVC products to improve our PVC products and customer service.

We have invested substantially in our Zeston PVC business, including making strategic advancements in our people, products, equipment, and technology, to shape the standard of quality of our PVC products. We have evolved our manufacturing processes to ensure that our products perform optimally from installation through operation and exceed your expectations.

Our efforts have elevated our Zeston PVC products to the preferred choice among customers and positioned us as a leading supplier of PVC for the mechanical insulation industry.

Here is an overview of the strategic investments we have made the last 4 years in our Zeston PVC business:

MANUFACTURING

- 2014: New thermoformer
- 2015: New extruder
- 2016: New laboratory test equipment
- 2017: New measurement gauges
- 2017: Upgraded equipment for cut and curl jacketing

PEOPLE

- Two PVC Market Specialists (new position)
 - Dedicated to our PVC business for faster response time
- New PVC Plant Manager (new hire)
 - Focused on quality and service optimization
- New PVC Product Manager (new hire)
 - Tasked with bringing a fresh perspective
- Research Scientist (new hire)
 - Responsible for continuous improvement and innovation

PRODUCTS

- Increased fiberglass insert thickness (to 2") and density (to 1pcf) to meet the requirements for ASTM C547 Thermal Conductivity
- Increased PVC fittings crown thickness to reduce denting during installation and improve abuse-resistance during operation
- Evolved the design of the crown on our fabricated elbow (FE) fittings to fit over pre-fabricated or mitered elbows
- Zeston 2000 Series Color Fittings meet the requirements of ASTM E84 (25 flame spread/50 smoke developed)
- Increased the fiberglass insert size for Victaulic fittings to ensure there aren't any gaps and the flange area is fully covered.
- Cut & Curl Jacketing is now offered in 3' and 4' lengths
- Introduced the Zeston 2000 Series Lateral Y-Branch



USABILITY

- Implemented easy-release, yellow tape to make it easier to “shuck” bundles open and prevent sticky tape residue
- Added tabbed inserts on sizes 2-10 and cut all the way through for large size fitting inserts to make the PVC easier to separate and help prevent tearing
- Zeston 2000 Series one-piece color fittings are available in standard gauge as an easier-to-install, cost-competitive alternative to Zeston 300 Series
- Implemented a male/female round snap to allow for alignment of Victaulic and MGT fittings during installation
- Zeston End Caps are offered with concentric scribing circles

SHIPPING

- Added date codes to cartons to improve rotation and quality of traceability to manufacturing
- Standardized stocked carton quantities on Cut & Curl Jacketing to help customers manage inventory and allow for more consistent orders
- Eliminated cardboard cores from Cut & Curl Jacketing, reducing jobsite waste and making it easier to remove the jacketing from the carton



If you have questions or would like to learn more about JM Zeston® PVC please reach out to your distributor or your local JM Market Development Manager.