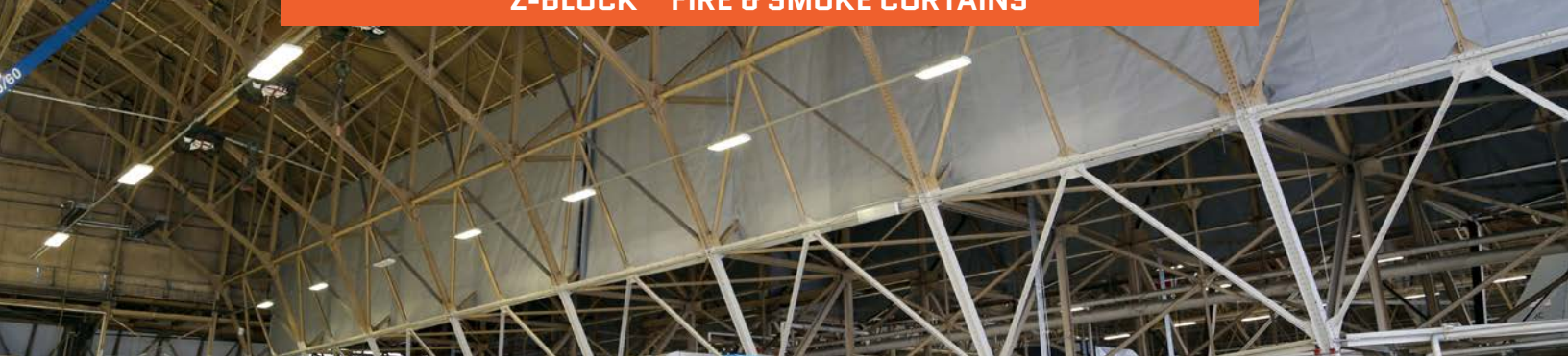


Z-BLOCK™ FIRE & SMOKE CURTAINS



Newtex is a global leader in the fabrication of custom fire curtains, draft curtains, and smoke partitions. Utilizing our almost four decades of experience in high temperature performance fabrics, we developed Z-Block™ coating and substrate fabrics, specifically designed to channel smoke and prevent the spread of fire. We partner with leading automation and engineering firms to deliver automated solutions featuring our Z-Block™ curtains to your custom specifications, and we contract with experienced partners for field engineering and installation work. If static panels or curtains are needed, we are often able to support directly. Z-Block™ materials are commonly used in systems that meet the UL 10B and UL 10D standards.

Fire and smoke curtains are intended to work in parallel with alarm and fire suppression systems to deliver more comprehensive risk mitigation. Z-Block™ curtains are now deployed in some of the newest malls, tallest buildings, and largest military and commercial warehouses and hangars in the world.

Custom Fabrication Capabilities

All fire and smoke curtains are designed and manufactured at our modern, 101,000 square foot ISO 9001:2015 facility in Upstate New York. Capabilities and strengths include:

- On-demand prototyping capabilities
- Auto-CAD drawings and support
- State-of-the-art cutting and sewing equipment
- In-house laboratory and testing facilities
- Highly trained, experienced sewers and engineers
- Partnerships with leading field engineers and installation specialists



Curtain Styles

- **Rolling Curtains and Doors:** These vertically deploying fire and smoke rated curtains drop down when needed to isolate fire and channel smoke. Rolling curtains can be installed in any commercial building. Rolling doors are commonly used in the shipping industry as doors for Unit Load Devices (ULDs).
- **Draft Curtains:** These lightweight, static panels are designed to channel smoke in the rafter area out through the appropriate vents.
- **Accordion Curtains:** These fire-rated folding curtains are designed for building interiors with unusual angles and tight corners.

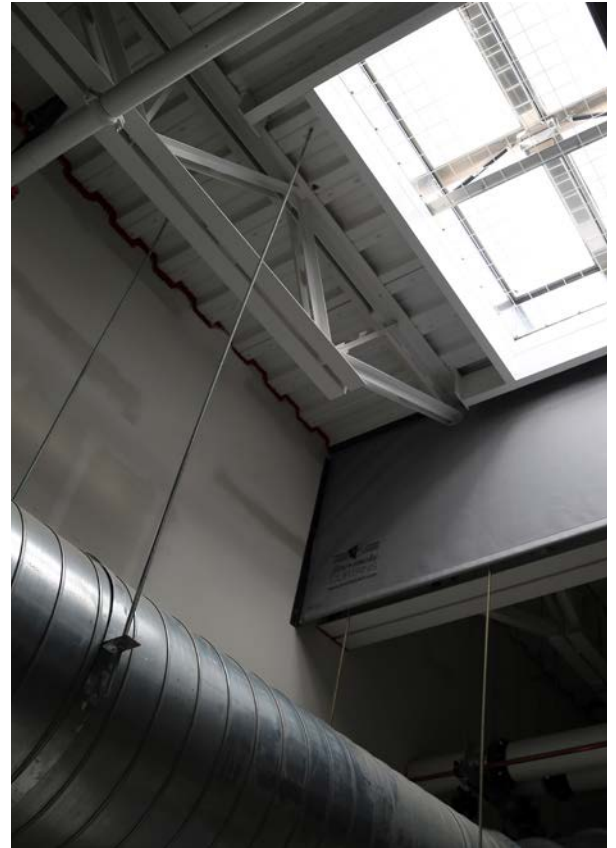
Benefits of Z-Block™

- Available in a variety of weights and with or without wire reinforcement
- Will not burn, melt, or allow flame penetration
- Resistant to molten metal burn through
- Withstands temperatures up to 1800°F (980°C)
- Will not produce toxic outgassing
- Water tight and chemical resistant
- Will not support growth of mold, fungi and bacteria
- Unaffected by extreme temperature or UV
- Abrasion, puncture, and tear resistant
- Designed, manufactured, and tested in the United States

Testing & Certifications

Z-Block™ materials are commonly used in systems that meet the UL 10B and 10D standards. Z-Block™ materials also meet or exceed the following standards:

Standard	Description
ISO 12236	Static Puncture Test
FAR 25 Appendix F Part III	Flame Penetration Resistance
FAR 25 Appendix F Part IV	Heat Release Rate
FAR 25 Appendix F Part V	Smoke Density
ASTM D6413	Vertical Flame Resistance
ASTM E-84	Surface Flame Spread and Smoke Density
ASTM F-955	Molten Metal Resistance
ASTM E-119	Furnace Tested
UL 1784	Smoke Penetration
BSS 7239	Non-Toxicity of Products of Combustion



More Options for Curtain Materials

In addition to Z-Block™ fire & smoke curtains, Newtex also manufactures ZetexPlus® proscenium curtains for fire protection in auditoriums and theaters and Z-Flex® Multilayer Aluminized curtains for radiant heat protection. The ZetexPlus® proscenium curtains have been certified by the California State Fire Marshal (CSFM) and the New York City Department of Buildings. Z-Flex® fabrics have been tested extensively for radiant heat resistance, molten metal resistance, and limited flame spread.

NEWTEX

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For nearly 40 years, Newtex has been a pioneer and leading global producer of high temperature materials and engineered solutions for thermal management and fire protection. Headquartered in Rochester, New York, Newtex is an ISO 9001:2015 certified, vertically integrated manufacturer of an impressive portfolio of textiles and fabricated systems for insulation and fire containment. Globally recognized textile brands include ZetexPlus®, Z-Flex®, and Z-Block™. Newtex is a minority owned, veteran-managed business that has served the US Military and leading global industries since 1978. Newtex products are proudly made in the USA.

03/2017



Newtex, Zetex, Z-Flex and ZetexPlus are registered trademarks of Newtex Industries, Inc.