

ZETEXPLUS® PROSCENIUM FIRE CURTAINS



Newtex custom-made proscenium fire safety curtains are designed for use in theaters, school auditoriums and other public performance areas. Most city and state-mandated building codes require the use of fire curtains, which are lowered in the event of a fire on stage to protect the audience from smoke and flames as the area is evacuated. Fabricated from ZetexPlus®, our curtains have been tested to ensure they exceed nationally recognized model fire codes. They are listed and approved by the California State Fire Marshal's Office and the New York City Department of Buildings.

We partner with leading engineers and theatrical equipment experts to deliver automated solutions featuring our ZetexPlus® proscenium fire curtains to your custom specifications, and we contract with experienced partners for field engineering and installation work

Types of Theater Fire Curtains

- **Straight Lift Curtains:** A simple curtain designed for when the space above the proscenium is at least twice the height of the proscenium opening. Stored without folds above the proscenium.
- **Brail Type Curtains:** Designed to be used when the space above the proscenium is less than half of the height of the proscenium opening. Accordion-folded and stored above the proscenium.
- **ZetexPlus® Smoke Seals:** Closes the gap between the fire curtain and proscenium wall, preventing smoke from escaping and reaching the audience.
- **ZetexPlus® Borders:** Wraps around stage lights to protect from potential damage or risk of fire.



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

Testing & Certifications

In addition to being approved by the California State Fire Marshal's Office and the New York City Department of Buildings ZetexPlus® materials meet or exceed the following standards.

Standard	Description
Fabric Specifications Fire Endurance	ASTM E119 (UBC 43-1, NFPA 251, UL 263)
Flame Spread/Smoke Density	ASTM E84-89a (UBC 42-1, NFPA 255, UL 723)
Tensile Strength (Breaking Strength)	ASTM D-1682-64

Tests were performed by Intertek Testing Services/ Warnock Hersey, an approved test facility. Listing agencies include the California State Fire Marshal's Office and New York City Department of Buildings. Local building codes can vary, so understand your specific requirements before purchasing a fire curtain.

Benefits of ZetexPlus® Material

- 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 2000°F (1095°C)
- Will not produce toxic outgassing

More Curtain Options

In addition to ZetexPlus® theater curtains, Newtex also manufactures Z-Block™ fire and smoke curtains to channel and contain fire and smoke in warehouses and hangars and Z-Flex® Multilayer Aluminized curtains for radiant heat protection. The Z-Block™ material has been tested extensively for resistance to flame penetration, smoke density, and molten metal splash. Z-Block curtains are commonly used in systems that meet the UL 10B and UL 10D standards. Z-Flex® fabrics have been tested extensively for radiant heat resistance, molten metal resistance, and limited flame spread.



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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.

04/2017



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