

Z-Shield™ Welding and Fire Blankets

HIGH TEMPERATURE PROTECTION FROM FIRE, SPARKS, AND SLAG



For over 30 years, Newtex fabrics have been trusted in the most demanding environments, including shipbuilding, power generation, chemical processing, oil and gas, and other industries where sparks, molten metal splatter, and hot works operations pose serious fire hazards. Our advanced fabrics and proprietary coatings have been time-tested to provide superior resistance to high temperatures, abrasion, slag, and burn-through without the risk of toxic smoke outgassing. We offer a broad selection of welding blankets and curtains to meet your specific needs—from light welding and grinding to heavy welding, metal cutting, and stress relieving.

Industries: Power Generation, Iron and Steel, Petrochemical and Refinery, Automotive, Marine, and other Welding and Hot Works Operations

Z-Shield™ Salmon

Flexible protective fabric for draping over equipment and work area.

Available in pink, Z-Shield Salmon has superior conformability and can be easily draped over equipment or hung from a support to prevent sparks from starting fires within a 30 foot radius of the hot works operation. The coated fiberglass fabric is abrasion-resistant for high reusability, and is flexible enough to roll up, carry, and store. Available in black or red by special order.

Zetex® & ZetexPlus®

The industry standard in essential welding protection.

Woven from 100% high purity fiberglass, these fabrics won't burn, smolder, or produce hazardous outgassing. Zetex available in White, Carmelized (Heat-cleaned 9383), and Safety Orange, protects in light welding, grinding, and heavy metal cutting applications. ZetexPlus is treated with a proprietary vermiculite coating for added resistance to temperatures of 1500°F to 2000°F.

Z-Shield™ Gold & Z-Shield™ Black

Essential protection without the airborne fibers.

Z-Shield Gold & Z-Shield Black deliver the same essential protection as Zetex, but are treated with an advanced acrylic coating that improves handle-ability and reduces airborne fibers. And unlike neoprene-coated golden glass, our gold and black acrylic coatings enhances abrasion resistance and shelf life while eliminating the potential for toxic smoke outgassing.

Z-Shield™ Black HTV

Complete protection for the toughest welding environments.

Z-Shield Black HTV is a premium welding fabric that is treated with a high temperature vermiculite added to an oil and water-resistant acrylic to support temperatures of 1250°F to 1500°F while providing exceptional resistance to abrasion, slag, and burn-through.

Z-Tuff™ Silicone

Strong, waterproof, and weather-resistant.

Ideal for field construction or weather-exposed operations, Z-Tuff Silicone fabrics are flexible and highly resistant to water and oil without toxic outgassing. They handle direct flame and slag surprisingly well. These fabrics are also ideal for removal insulation jackets for equipment exposed to water, oil or chemical spray. Available in silver and red.

Z-Sil™ Silica

Supports extreme temperature applications.

Supporting continuous operating temperatures of 1800°F to 3000°F, Z-Shield Silica is a highly flexible, high-silica fabric ideally suited for stress relieving, stainless steel welding, and equipment protection. The fabric is treated with a proprietary inorganic coating that improves abrasion resistance and remains with the fabric even at high temperatures.

Z-Shield™ Product Line Performance

Features	Z-Shield Salmon	Zetex	ZetexPlus	Z-Shield Gold/Black	Z-Shield Black HTV	Z-Tuff	Z-Sil Silica
Peak Temperature	1000°F	1000°F	2000°F	1000°F	2000°F	1000°F	3000°F
Performance Enhancements	Flexibility			Abrasion Resistance, Less Irritation	Abrasion, Slag, & Torch-burn Resistance	Durability, Oil & Water Resistance	Flexibility

Primary Applications

Grinding		■					
Drape	■	■				■	
Light Welding	■	■		■		■	
Medium Welding		■	■	■	■	■	
Heavy Welding			■	■	■	■	
Metal Cutting			■		■	■	■
Stainless Steel Welding							■
Stress Relieving							■

Z-Shield™ Product Availability¹

Grade	Weight Oz/Sq Yd	Width Inches					
		36"	38"	40"	48"	60"	72"
Z-Shield Salmon	16		■			■	
Zetex	18, 24 ² , 35, 40			■	■	■	■
ZetexPlus	20, 28, 38, 44			■	■	■	■
Z-Shield Gold/Black	26			■		■	■
Z-Shield Black HTV	26			■		■	
Z-Tuff Silicone	15,17, 34					■	
Z-Sil Silica	18, 35	■					

¹ All products available as roll goods. Finished edges available on most fabrics and widths. Fabricated blankets available upon request.

² Zetex Safety Orange sold in 24 oz/yd².



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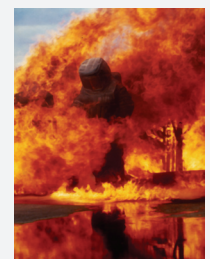
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For over 30 years, Newtex Industries has been a trusted leader in high temperature protective clothing and equipment. Our protective apparel, gloves, mitts, and fire curtains are made from performance Zetex®, ZetexPlus®, Z-Flex®, and Aramid fabrics to resist temperatures up to 2000°F while providing outstanding protection from heat, fire, sparks, and molten splash.



Newtex 2000 Series Fire Entry Suit