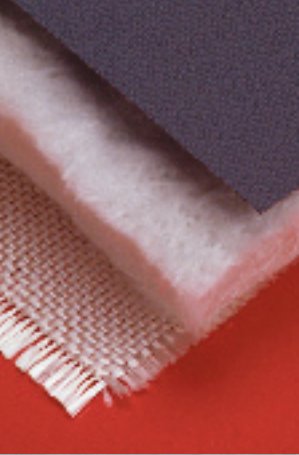


Newtex Insulation Fabrics

HIGH TEMPERATURE MATERIALS FOR FABRICATED INSULATION SYSTEMS



Newtex provides a comprehensive line of innovative, high temperature fabrics, tapes, and tubing for producing removable insulation, expansion joints, and other fabricated systems. Our fabrics – which include the original Zetex® and ZetexPlus® brand names – have excellent cutting, sewing, and handling properties, support temperatures to 2000°F, and can minimize heat transfer while resisting weather, moisture, chemicals, and abrasion. We can help you to find the right product or can design a custom solution for your application.

Applications: Removable Insulation Blankets, Pads, and Covers, Fabric Expansion Joints, Tube Seals, Lugging, Fire Barriers, Thermal Curtains, Encapsulation, Pipe Insulation, Cable and Wire Insulation

Hot Side Materials (Facing)

Supporting temperatures to 2000°F, our facing materials provide an initial thermal barrier and protect the insulation layer from wear and abrasion. Heat cleaned (HC) Premium grade Zetex in 8.5, 12 .0, and 18.0 oz weight are MIL-C-20079 compliant.

Fabric	Features	Peak Temp	Weight Oz/Sq Yd	Width Inches
Zetex or ZetexPlus	Essential thermal protection	1000°F; 2000°F	18, 24	40, 60, 72
Zetex (Wire) or ZetexPlus (Wire)	Added wear resistance and heat dissipation	1000°F; 2000°F	24	60
Z-Sil™ AR	High heat, chemical and wear resistance	3000°F	18, 35	36

*Peak temperature for Zetex Texturized fiberglass is 1000°F; ZetexPlus coating extends range to 2000°F;

Cold Side Materials (Exterior Jacketing)

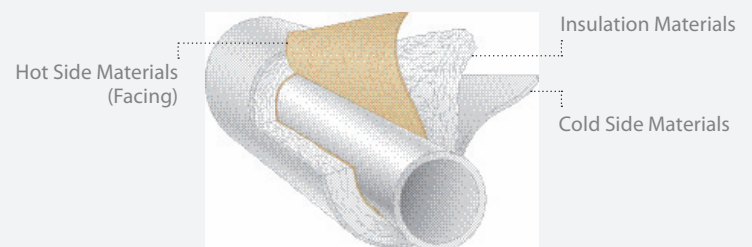
Our outer layer fabrics offer superior resistance to chemicals, heat, abrasion, and moisture, and are used to protect insulated pipes and equipment from environmental conditions and surrounding workers and facilities from heat and fire.

Fabric	Features	Peak Temp*	Weight Oz/Sq Yd	Width Inches
Z-Tuff Silicone Coated	Weather, water, and abrasion resistance	500°F	15, 17, 32	60
Z-Tuff PTFE Coated	Tougher, more chemical resistant	500°F	12.5, 18	60
Z-Flex Aluminized	Heat reflection, chemical and moisture resistance, laminated film remains bonded when flexed	*500°F; 1000°F	8.5, 18, 24	40, 56
Z-Flex Aluminum Foil	Heat reflection, chemical and moisture resistance	*300°F; 1000°F	20, 27	40, 60
Z-Shield Silver (AL Coating)	Economical fabric for heat reflection	*450°F; 1000°F	34	60
Z-Shield Silver (Wire)	Wire insertion adds tear and puncture resistance	*450°F; 1000°F	35	60

*Peak temperature for coating is indicated first. Peak temperature for base Zetex fabric is 1000°F.

REMOVABLE INSULATION PAD COMPONENTS

Our comprehensive line of high temperatures textiles provides a complete solution for fabricating removable insulation blankets, pads, and covers for use in a broad range of applications and operating conditions.



Insulation Materials

Our insulation mats protect against heat gain or loss on pipes and equipment and won't outgas or deteriorate in harsh conditions, since they are made from chopped strand fibers needled together without the use of organic binders.

Fabric	Features	Peak Temp	Weight Oz/Sq Yd	Width Inches
Zetex Glass Mat	High heat performance	1000°F	3, 6, 15	60
Z-Sil Silica Mat	Extreme heat performance	3000°F	10	38

Insulation Mats are available in ¼", ½", and 1" thickness.

Fabrication Accessories

Newtex offers fabrication accessories including sewing thread with or without wire. Contact us for more information and for recommended suppliers of other accessories including drawstrings, hog rings, and tools.

Lagging and Insulation Facings

Our premium lagging and facing materials are used to provide thermal and acoustic insulation, encapsulation, and resistance to oil, water, and chemicals. Heat cleaned Zetex meets MIL-C-20079 and MIL-I-24244, and is available in Navy Red.

Fabric	Features	Peak Temp	Weight Oz/Sq Yd	Width Inches
Zetex or ZetexPlus	All purpose fabric, optional oil and water resistance	1000°F; 2000°F	8.5, 12, 18	40, 60, 72
Zetex REW (Rewettable)	Water-activated adhesive for ease of application and hardened paintable surface	1000°F	14.5, 22	60
Z-Hull HB (Hullboard)	Flame, moisture, and mildew resistance, durability	N/A	13.5	24, 36, 48
Z-Flex AF (Aluminum Foil)	Heat reflection, chemical and moisture resistance	1000°F	18, 24	40, 60
Z-Fil Filament Fabrics	Acoustic insulation facing	1000°F	6, 12, 13, 26	40, 48, 60

Tapes and Tubing

Zetex Tapes are ideal for encapsulation, lagging, and insulation and can be wrapped around water and steam pipes, hydraulic lines, and auto exhaust. Zetex Tubing can be used to protect hydraulic or electrical lines, and as cable and wire insulation.

Fabric	Features	Peak Temp	Weight Oz/Sq Yd	Width* Inches
Zetex or ZetexPlus Tape	Thermal protection for pipes and exhaust	1000°F; 2000°F	13-115	½-8"
Zetex Rewettable Tape	Hardened paintable surface	1000°F	14.5, 22	1-6"
Zetex or ZetexPlus Tubing	Thermal protection for cable and wiring	1000°F; 2000°F	N/A	¼-4"

*Indicates inside diameter for Zetex Tubing



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As the most trusted name in the industry for over 30 years, Newtex is the pioneer and leading global producer of high temperature textiles for thermal management and fire protection. Our comprehensive product line includes the original Zetex® and ZetexPlus® brand names as well as heat and fire resistant fabrics, insulation fabrics, tapes, ropes, tubings, and safety clothing, which support a broad range of applications that include fire safety, welding protection, insulation systems, expansion joints, and gasketing.