

NEWTEX 

www.newtex.com

NXP | EXTREME PROTECTIVE



HAND PROTECTION CATALOG

HIGH TEMPERATURE GLOVES & MITTS



For nearly 40 years, Newtex has been a pioneer and leading global producer of high performance materials and engineered solutions for thermal management and fire protection. Headquartered outside of Rochester, New York, Newtex is an **ISO 9001:2008** certified, vertically integrated manufacturer of an impressive portfolio of heat & fire resistant fabrics, tapes, personal protective apparel, and custom high temperature solutions. We are a minority owned, veteran-managed business that has proudly served the US Armed Forces and leading global industries since 1978. Newtex products are proudly made in the USA.

Hand Protection

Newtex high temperature, heat, and fire resistant gloves and mitts are made from Zetex®, ZetexPlus®, Z-Flex®, and Aramid fabrics to resist temperatures up to 2000°F / 1095°C while providing outstanding comfort, insulation, wear resistance, and protection from sparks and molten metal splash.

- Our hand protection is double stitched and reinforced for durability.
- We use only inorganic fibers to ensure that gloves and mitts will not produce hazardous out-gassing.
- All hand protection is one size fits all, designed to fit loosely so that they can be removed quickly.
- Custom products are available with minimum order requirements. See Page 9 for more information.
- Newtex Extreme Protective apparel is manufactured at our headquarters in Victor, New York, USA.

Gloves vs. Mitts

We recommend gloves for applications that require dexterity, and we recommend mitts for applications in which additional heat protection and longer wear are important. Mitts are reversible, as either mitt can be worn on the left or right hand. If the palm of a mitt gets damaged, the wearer can flip the mitt and wear it on the opposite hand to extend the life of the product.

ZETEX® 100 SERIES GLOVES & MITTS

Zetex® gloves and mitts have been protecting crews all over the world since 1978. Zetex fabrics are woven from highly texturized continuous filament yarn that has been treated with a proprietary texturization process. Zetex is a superior insulator and provides excellent heat protection, withstanding continuous operating temperatures up to 1000°F / 540°C and intermittent temperatures up to 1300°F / 700°C. Made from inorganic materials, these gloves and mitts will not produce hazardous out-gassing.

Common Applications: Kiln & furnace operations in laboratories, heat processing facilities, and high temperature industrial environments



Zetex 100 23" Gloves



Zetex 110 14" Gloves
(Aramid Palm)



Zetex 120 14" Gloves
(Double Palm)

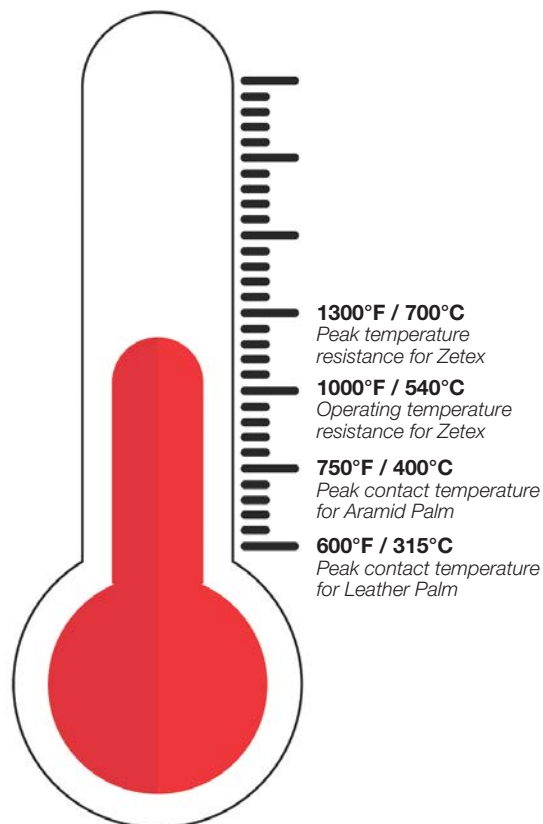


Zetex 130 14" Gloves
(Leather Palm)



Zetex Finger Cots

- Zetex 100 Series Gloves & Mitts: 100% Zetex construction for basic heat protection to 1300°F / 700°C. Available as 11", 14", or 23" (28, 36, or 58 cm) gloves or 11" or 14" (28 or 36 cm) mitts.
- Zetex 110 14" Gloves (Aramid Palm): Zetex construction with an aramid palm and thumb for abrasion & puncture resistance and heat protection up to 750°F / 400°C.
- Zetex 120 14" Gloves (Double Palm): Zetex construction with a double layer of Zetex at the palm and thumb for greater durability and extended protection from temperatures up to 1300°F / 700°C.
- Zetex 130 14" Gloves (Leather Palm): Zetex construction with a leather palm and thumb for superior grip and dexterity up to 600°F / 315°C.
- Zetex Finger Cots: Finger cots are commonly used in laboratories and other environments in which the wearer must handle small or delicate hot objects, like test tubes. 100% Zetex construction for temperature resistance up to 1300°F / 700°C.





ZETEXPLUS® 200 SERIES GLOVES & MITTS

ZetexPlus® fabric is woven from highly texturized continuous filament yarns and treated with a proprietary vermiculite-based coating. The proprietary coating allows heat to dissipate evenly across the surface of the fabric, significantly boosting its temperature rating and improving abrasion resistance. ZetexPlus gloves and mitts can withstand continuous operating temperatures up to 1500°F / 815°C and intermittent temperatures up to 2000°F / 1095°C.

Common Applications: Kiln & furnace operations in laboratories, heat processing facilities, and high temperature industrial environments

- ZetexPlus 200 Series Gloves & Mitts: 100% ZetexPlus construction for temperature resistance up to 2000°F / 1095°C and moderate abrasion resistance. Available as 11", 14", or 23" (28, 36, or 58 cm) gloves or as 11", 14", or 23" (28, 36, or 58 cm) mitts.
- ZetexPlus 220 Series Gloves & Mitts (Double Palm): ZetexPlus construction with a double layer of ZetexPlus at the palm and thumb for greater durability and extended protection from temperatures up to 2000°F / 1095°C. Available as 14" or 23" (36 or 58 cm) gloves or mitts.
- ZetexPlus 250 14" Investment Casters Mitts: The 250 Mitts feature added layers of fiberglass insulation for extended protection from extreme temperatures. These mitts are specifically designed for investment casting operations.
- ZetexPlus 255 10" Over-mitts: 100% ZetexPlus construction, designed to be worn on top of another pair of high temperature mitts to provide extra protection and to extend the life of the more expensive mitts worn underneath.



ZetexPlus 200 14" Gloves



ZetexPlus 220 14" Mitts (Double Palm)



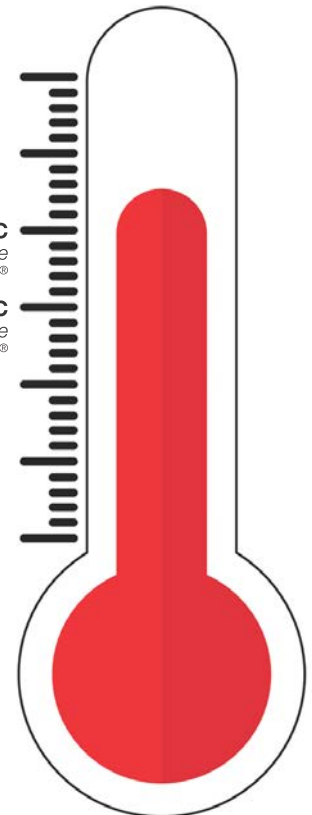
ZetexPlus 250 14" Investment Casters Mitts



ZetexPlus 255 10" Over-mitts

2000°F / 1095°C
Peak temperature
resistance for ZetexPlus®

1500°F / 815°C
Operating temperature
resistance for ZetexPlus®



Z-FLEX® 300 SERIES GLOVES & MITTS

Z-Flex® Multilayer Aluminized gloves provide superior protection from extreme radiant temperatures, sparks, and molten metal splash. They can withstand radiant temperatures up to 3000°F (1650°C) and reflect up to 95% of radiant heat.

Common Applications: Foundry & glass operations, welding, hot works, industrial and proximity fire fighting

- Z-Flex 300 14" Aluminized Gloves: 100% Z-Flex construction for total radiant heat protection up to 3000°F / 1650°C. Not recommended for direct contact with objects over 350°F / 175°C.
- Z-Flex 301 14" Gloves (Zetex Palm): Z-Flex construction with a Zetex palm and thumb for radiant heat protection and protection from direct contact with objects up to 1300°F / 700°C.
- Z-Flex 302 14" Gloves (ZetexPlus Palm): Z-Flex construction with a ZetexPlus palm and thumb for radiant heat protection and protection from direct contact with objects up to 2000°F / 1095°C.
- Z-Flex 330 14" Gloves (Leather Palm): Z-Flex construction with a leather palm and thumb for radiant heat protection and superior grip and dexterity up to 600°F / 315°C.
- X20 Proximity Gloves: Premium X Series gloves with a gauntlet style wrist and fleece lining in the fingers for additional insulation; Leather palm for superior grip and dexterity up to 600°F / 315°C. Also available with an aramid palm for abrasion resistance.
- X30 Proximity Firefighting Gloves: Premium gloves with a 3-finger design for a balance of insulation and dexterity; Gauntlet style wrist & fleece lining in the fingers for additional insulation; Choose between a ZetexPlus palm for heat protection to 2000°F / 1095°C or a leather palm for grip & dexterity to 600°F / 315°C.



Z-Flex 301 14" Gloves
(Zetex Palm)



Z-Flex 302 14" Gloves
(ZetexPlus Palm)



X30 Proximity
Firefighting Gloves



X20 Lightweight Proximity Gloves

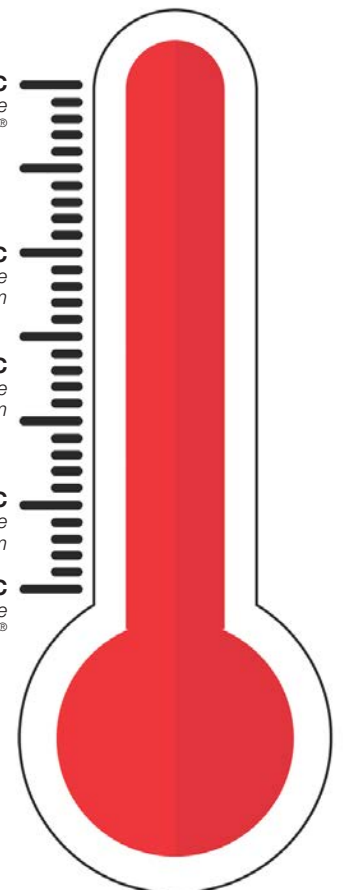
3000°F / 1650°C
Radiant temperature
resistance of Z-Flex®

2000°F / 1095°C
Peak contact temperature
rating for ZetexPlus® palm

1300°F / 700°C
Peak contact temperature
rating for Zetex® palm

600°F / 315°C
Peak contact temperature
rating for Leather palm

350°F / 175°C
Peak contact temperature
rating for Z-Flex®



CORE SPUN ARAMID 400 SERIES GLOVES & MITTS

Core Spun Aramid gloves and mitts combine the abrasion & puncture resistant benefits of para-aramid with the heat resistance of fiberglass. The 400 Series products are ideal for environments where high temperatures and sharp objects, like glass, are both present.

Common Applications: Glass & metal work, foundry applications, welding, and at construction sites and processing facilities

- The CS Aramid 402 10" Over-mitts are designed to be worn over another pair of mitts to provide additional protection and to extend the life of the more expensive mitts worn underneath. CS Aramid can withstand operating temperatures up to 700°F / 370°C and peak temperatures up to 750°F / 400°C.
- The CS Aramid Plus 422 14" Gloves (Double Palm) feature a ZetexPlus® vermiculite coating for additional temperature resistance. The ZetexPlus coating causes heat to disperse evenly across the surface of the gloves, boosting the operating temperature resistance to 1000°F / 540°C and the peak temperature resistance to 1200°F / 650°C. These gloves also feature a double palm for superior durability and extended protection from extreme temperatures.



CS Aramid Plus 422 14" Glove
(Double Palm)



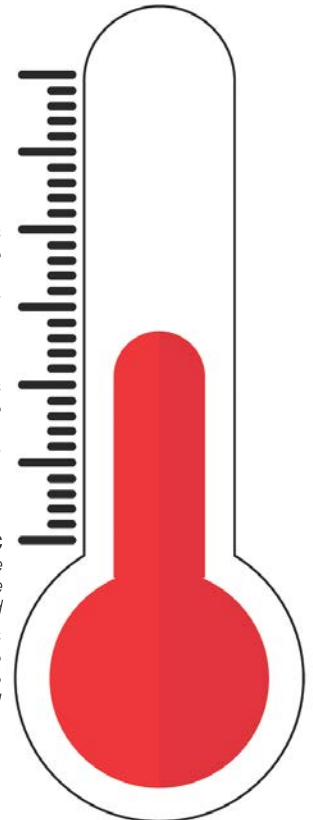
CS Aramid 402
10" Over-mitts

1200°F / 650°C
Peak temperature
resistance for Core Spun
Aramid Plus

1000°F / 540°C
Operating temperature
resistance for Core Spun
Aramid Plus

750°F / 400°C
Peak temperature
resistance for Core
Spun Aramid

700°F / 370°C
Operating temperature
resistance for Core
Spun Aramid





CUSTOM PRODUCTS

Custom hand protection is available in quantities of 48 or more pairs. Use the flowchart below to create hand protection specifically tailored to your high temperature application.

CHOOSE FROM THE FOLLOWING OPTIONS:

STYLE:

- Glove
- Mitt

LENGTH:

- 11" (28 cm)
- 14" (36 cm)
- 18" (46 cm)
- 23" (58 cm)

FABRIC:

- Zetex
- ZetexPlus
- Z-Flex
- CS Aramid

PALM ENHANCEMENTS:

- Aramid Palm for abrasion, cut, and puncture resistance up to 750°F (400°C)
- Double Palm for extended protection from high temperatures
- Leather Palm for superior grip and dexterity up to 600°F (315°C)
- Zetex / ZetexPlus Palm for resistance to direct contact with temperatures up to 1300°F / 2000°F (700°C / 1095°C)

ADDED INSULATION:

- Glass mat: 1/4" - 1" thick fiberglass matting for thermal protection
- Pyron®: A lightweight, inherently flame resistant oxidized PAN fiber that substantially improves the thermal performance of a glove lay-up.
- Z-Flex® Aluminum Foil: Lightweight reflective foil for an added layer of radiant heat protection.

SUMMARY OF TERMS

Terms:

- Net 30 days from date of invoice. All orders are subject to Newtex credit approval.
- Visa, MasterCard, and American Express are accepted.

Pricing:

- Prices are subject to change without notice.
- Please contact your Account Manager for pricing.

Minimum Orders:

- Gloves and mitts are sold in case pack quantities. Top selling items are available from Newtex distribution partners and web retailers in smaller quantities. Contact us for a list of authorized resellers.

Custom Products:

- Custom products are non-returnable.
- Custom orders are subject to a non-refundable deposit before we can begin fabrication.
- Minimum order quantities and set up charges apply.

Delivery:

- Standard gloves and mitts generally ship within 5-10 business days from when we receive a purchase order.
- The lead time for custom products is generally 4-6 weeks. Please confirm your delivery time frame with your Account Manager.
- We may be able to accommodate rush delivery for an additional charge.

Freight:

- Unless the customer makes other arrangements with Newtex at the time that the order is placed, Newtex will prepay the freight and add the cost to the invoice. The same terms apply for drop shipments to authorized distributors.

Repair and Returns:

- We guarantee that our products are free of defects in workmanship only. Newtex reserves the right to determine whether any product is defective, and we will repair or replace when appropriate.
- We will accept returns on standard stock products in good condition within 60 days. Please call us to request a Returned Materials Authorization (RMA) number prior to shipping a return.
- Returned goods are subject to a 20% restocking fee plus the cost of return freight.

Contact Us

Toll Free: 1-800-836-1001 • Phone: 585-924-9135 • Fax: 585-924-4645
www.newtex.com

HAND PROTECTION AVAILABILITY

Item Number	Description	Estimated Lead Time (in business days)	Minimum Order Quantity
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100 Series: Zetex	Gloves			
	2100005	Zetex 100 11" Gloves	5 Days	12 Pairs
	2100006	Zetex 100 14" Gloves	5 Days	12 Pairs
	2100007	Zetex 100 23" Gloves	5 Days	8 Pairs
	2100008	Zetex 110 14" Gloves (Aramid Palm)	10 Days	12 Pairs
	2100010	Zetex 120 14" Gloves (Double Palm)	10 Days	12 Pairs
	2100009	Zetex 130 14" Gloves (Leather Palm)	10 Days	12 Pairs
	Mitts			
	2100030	Zetex 100 11" Mitts	10 Days	12 Pairs
	2100031	Zetex 100 14" Mitts	10 Days	12 Pairs
2100004	Zetex 100 Finger Cots	5 Days	144 Finger Cots	

200 Series: ZetexPlus	Gloves			
	2100011	ZetexPlus 200 11" Gloves	5 Days	12 Pairs
	2100012	ZetexPlus 200 14" Gloves	5 Days	12 Pairs
	2100014	ZetexPlus 200 23" Gloves	5 Days	8 Pairs
	2100017	ZetexPlus 220 14" Gloves (Double Palm)	5 Days	12 Pairs
	2100018	ZetexPlus 220 23" Gloves (Double Palm)	5 Days	8 Pairs
	Mitts			
	2100037	ZetexPlus 200 11" Mitts	10 Days	12 Pairs
	2100038	ZetexPlus 200 14" Mitts	5 Days	12 Pairs
	2100039	ZetexPlus 200 23" Mitts	10 Days	8 Pairs
	2100040	ZetexPlus 220 14" Mitts (Double Palm)	5 Days	12 Pairs
	2100041	ZetexPlus 220 23" Mitts (Double Palm)	5 Days	8 Pairs
	2100043	ZetexPlus 250 14" Investment Casters Mitts	5 Days	12 Pairs
2100045	ZetexPlus 255 10" Over-mitts	5 Days	24 Pairs	

300 Series: Z-Flex	Gloves			
	2100019	Z-Flex 300 14" Aluminized Gloves	5 Days	12 Pairs
	2100020	Z-Flex 301 14" Gloves (Zetex Palm)	5 Days	12 Pairs
	2100022	Z-Flex 302 14" Gloves (ZetexPlus Palm)	10 Days	12 Pairs
	2100021	Z-Flex 330 14" Gloves (Leather Palm)	10 Days	12 Pairs

400 Series: Core Spun Aramid	Gloves			
	2100164	CS Aramid Plus 422 14" Gloves (Double Palm)	10 Days	12 Pairs
	Mitts			
2100131	CS Aramid 402 10" Over-mitts	10 Days	24 Pairs	

X Series: Proximity & Firefighting	Gloves			
	2100002	X20 FR Gloves (Leather)	5 Days	12 Pairs
	2100135	X20 FR Gloves (Aramid)	4 Weeks	24 Pairs
	2100434	X30 Z-Flex Proximity Glove (Leather)	4 Weeks	24 Pairs
	2100435	X30 Z-Flex Proximity Glove (ZetexPlus)	4 Weeks	24 Pairs



8050 Victor Mendon Road
Victor, New York 14564, United States

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