

# X Series

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## INSTRUCTIONS FOR USE



### CARE AND MAINTENANCE

Proper storage, cleaning, and inspection will ensure that your X Series Suit is in good condition and ready to provide maximum protection and comfort when needed.

- Z-Flex® and the other specialty materials used in this garment are designed for extreme fire and heat protection. They DO NOT have the same wear qualities as work gear or fire turnout gear.
- Take care to avoid rough handling, folding, or abrasion. Rubbing against rough or sharp edges can be especially damaging to the Z-Flex® outer layer.
- The Z-Flex® outer shell can be wiped down with a soft, damp cloth. Do NOT use chlorine bleach, active ingredient cleaning agents, or solvents.
- You should examine your suit regularly for rips or tears in the fabric or damage to straps. Also, regularly check to ensure that all hardware is functioning properly.
- Hang the garments to store them. Do not fold aluminized garments, as creasing can damage the suit.
- Some equipment may be returned to Newtex for needed repairs at a modest cost. Contact us for additional details.
- NFPA 1851 recommends the retirement of aluminized proximity suits **5 years after the date of manufacture**. This does not mean that your suit will or should remain in service the full 5 years. Early replacement may be required if damage occurs.



## IMPORTANT SUITING PRECAUTIONS

- Only trained personnel should be using X Series suits.
- A Self Contained Breathing Apparatus (SCBA) is recommended for any environment where the ambient temperature exceeds 200°F / 95°C.
- Personnel cannot dress properly without support. Suiting requires one or two additional individuals to aid personnel in donning all pieces for maximum safety and protection.
- Personnel should wear fire resistant garments under the suit, including a long sleeved shirt and full-length pants.
- Suiting should not be rushed. Time to suit varies but can take several minutes. Suit donning should be integrated into training. See the Suiting Procedure below for complete information.
- In fire entry applications, additional trained personnel should always be suited and standing by to help in case of an emergency.

## SUITING PROCEDURE

1. Remove your work boots. Put on the X Series pants and adjust your suspenders to the proper fit.
2. Put your work boots back on and fasten them.
3. Raise your pant legs and put your proximity boots on over your work boots, securing all straps for a tight and comfortable fit.\*
4. Secure your pant legs OVER the top of your X Series boots, then tighten the retainer straps.\*
5. If you are using a Self-Contained Breathing Apparatus (SCBA), put on your air pack. Do not connect your face mask at this time.
6. Put on your X Series jacket. Fasten all zippers and snaps on the jacket. If applicable, tie the draw strings around your hips.
7. For proximity firefighting and fire entry applications, rescue personnel should verify a tight fit by checking for visible light inside the jacket at waist area.
8. Put on gloves or mitts OVER jacket sleeves.\*
9. If you are using SCBA, put on face mask and connect air supply. Check for proper fit and operation. Follow all procedures from the air pack breathing apparatus supplier.
10. Put on your balaclava, if applicable, then put on your hood and turn your jacket collar UP. Confirm that the hood flap is OUTSIDE of jacket collar. Assisting personnel should secure hood straps tightly under the wearer's arms.
11. In fire entry and proximity firefighting applications, assisting personnel should confirm the following when the suiting procedure is complete: Jacket collar is up, hood straps are fastened underneath the arms, gloves are on securely, jacket opening is completely fastened, draw strings are tied (when applicable), boot snaps are fastened, and breathing apparatus is operating properly (when applicable).

*\* Not applicable to the X10 Ultra-Lite Proximity Suit which is sold without gloves, a hood, or boots.*



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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.

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