

X30 Attack

PROXIMITY FIRE FIGHTING SUIT

The engineers at Newtexas designed the X30 Attack Proximity Fire Fighting Suit from the ground up to meet the EN 1486 standard for close proximity fire fighting gear.

The Z-Flex® aluminized outer shell reflects 95% of radiant heat and withstands radiant temperatures up to 3000°F (1650°C). In addition to providing outstanding protection, Z-Flex is also the most durable aluminized material available and will not de-laminate under even the most demanding conditions. The Stedair® moisture barrier and Tencate Aralite® NP thermal barrier protect the wearer from conductive and convective heat and steam.

This suit can be used in a range of industries and applications including aircraft rescue fire fighting (ARFF), first response to oil and gas fires, and other proximity fire fighting scenarios.



Ensemble Features

Jacket

- Zipper closure & velcro storm fly
- Cinch at waist for athletic fit
- Pouch for SCBA
- Optional: Pockets with flap closure

Pants

- Suspenders for adjustable length
- Strap adjustments on cuffs
- Optional: Reinforced knees

Boots

- Easy-on design
- For wear over work boots
- Leather sole for grip

Hood

- Hard cap with ratchet adjustment*
- Full shoulder length drape
- Rounded bib & elasticized straps
- Multi-layer laminated lens

Gloves

- Three finger gauntlet style
- Choice of leather or ZetexPlus palm
- Elastic inner cuff & fleece lining

Also Included

- Ballistic nylon duffle bag
- Nomex® balaclava

Suit Construction

Radiant Shell
Z-Flex® A-601 Aluminized Texturized Fiberglass

Moisture Barrier
Stedair® 3000 by Stedfast

Thermal Barrier
Tencate Aralite® NP

Suit Weight

Jacket & Pants Only*: 9 lbs (4.1 kg)

Total Ensemble*: 17 lbs (7.8 kg)

* Weights are approximate. Actual weights may vary.

Suit Sizing

	User's Chest	User's Waist	Jacket Length	Sleeve Length	Pant Inseam
Small**	Up to 38" / 81 cm	Up to 30" / 76 cm	30" / 76 cm	32" / 81 cm	27" / 69 cm
Medium	Up to 42" / 107 cm	Up to 34" / 86 cm	31" / 79 cm	33" / 84 cm	28" / 71 cm
Large	Up to 46" / 117 cm	Up to 38" / 97 cm	32" / 81 cm	34" / 86 cm	29" / 74 cm
X-Large	Up to 50" / 127 cm	Up to 44" / 112 cm	33" / 84 cm	35" / 89 cm	30" / 76 cm

*Hard cap meets ANSI-Z89.1-2009 impact resistance tests.
**Size Small is not stocked and may be subject to a longer lead time. 2XL and custom sizes are available for an additional cost.

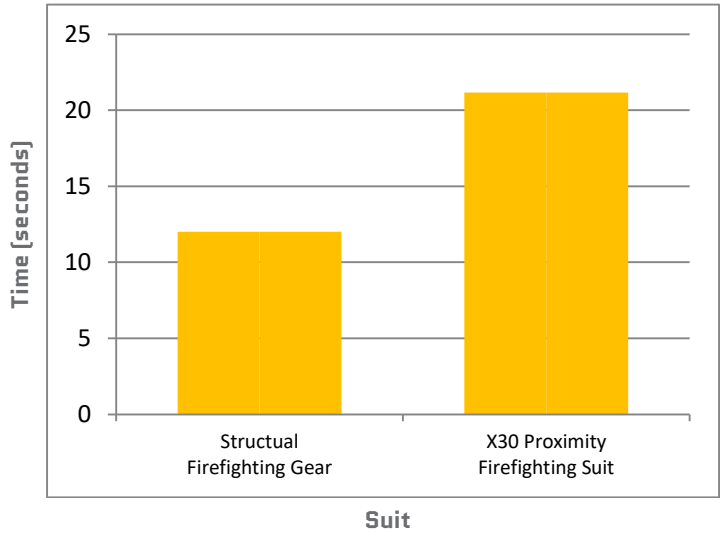
Thermal Protective Performance (TPP)

The X Series suits incorporate the latest apparel design features to provide outstanding flexibility, dexterity, and comfort while maximizing safety and efficiency. With more than a dozen options, we are certain that you will find an X Series suit that meets your requirements.

When selecting a proximity or fire entry suit, it is important to consider the convective, conductive, and radiant heat risks in your work area and the length of exposure to that heat. The advanced aluminized outer shell of the X Series suits provides the ultimate protection from radiant energy, the heat transmitted from all hot objects. The X Series also provides protection from conductive and convective heat. The level of conductive and convective protection increases with each suit as you move from the lightest suit to the heaviest.

The Time to 2nd Degree Burn graph above illustrates the relative protective values of the X30 Attack Suit and standard structural firefighting gear. The results come from the Thermal Protective Performance (TPP) test which exposes samples to convective and radiant heat sources and measures the heat transferred through the test specimen to calculate a tolerance time to 2nd degree burn. The levels of exposure are extreme and not representative of most real world scenarios. Real world industrial maintenance and emergency response environments are likely to be unpredictable and vary from test conditions. We recommend only professionally trained industrial workers and first responders use these suits under established safety protocols.

Newtex X Series Time to Second Degree Burn



Testing & Certification

The X30 Attack Proximity Fire Fighting Suit passes the **EN 1486** test standard. The Z-Flex® outer shell also meets or exceeds the additional specifications listed in the table below.

Test Description	Standards
Radiant Heat	ISO 6942, EN 366, ASTM F1939
Convective Heat	ISO 9151, EN 367
Limited Flame Spread	ISO 15025, EN 532
Molten Metal	ISO 9185, EN 348, ASTM F955
Tear Resistance	ISO 13937, EN 388

**Test results are available upon request. Please email tech@newtex.com.*



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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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