

*Proma*XFX



Designed to Fit You Comfortable

CE EN 469: 2005

Latest In Design & Technology For Comfort & Protection

Fire-fighting is a tough job, your protective clothing shouldn't make it any tougher. Lightweight & comfortable firefighting suit is essential for your safety and mobility in a dangerous firefighting situation.

We use special combinations of materials that make the suit as flexible and lightweight as possible in relevance to durability and performance.

Promax FX design protects firefighters and concentrates fully on the profession of saving lives.

- Total weight of L-size will less than 3.50kgs (S, M, L, XL, XXL)
- Color: Khaki (for other colors please contact us)
- Outer shell: Pbi matrix
- Three layers of materials design.
 - Outer fabric: PBI Matrix, 200g/sqm, twill weave
 - Moisture Barrier: (FR 89/85) non woven Kevlar/Nomex coated PTFE membrane
 - Thermal Liner: FR non woven Kevlar/Nomex quilted to FR face cloth
- Sewing thread: all sewing thread is Nomex thread.
- Reflective tapes: 3M 9587# & 8935#



NOMEX®

- Total weight of L-size will less than 3.50kgs (S, M, L, XL, XXL)
- Color: Navy blue (for other colors please contact us)
- Three layers of materials design.
 - Outer fabric: Nomex IIIA, 200g/sqm, twill weave
 - Moisture Barrier: FR non woven Nomex/Kevlar coated PTFE membrane
 - Thermal Barrier: FR non woven Nomex/ Kevlar quilted to FR face cloth
- Sewing thread: all sewing thread is Nomex thread.
- Reflective tapes: 3M 9587# & 8935#

PromaxFX

Fire-Coat:

The collar can turn up & down. When the collar turns up, velcro on the throat protection can adjust the size. Hang loop in a central coat with reinforcement bar-tacked sticking.

Radio (transceiver pocket) pockets on both side of coat, dimensional size: 20cm (H) x 9cm (W) x 6cm (D). Drainage on bottom corner, toward up opening covered with a flap and sewed with velcro length more than 60mm from the bottom for adjustment purpose.

Wristband: wristlet is fire-resistant material and fire-resistant elastic band and design in thumb hole in order to guarantee full wrists cover when arms raise over his hand.



Closer design system: emergency escape brass centralized zipper with velcro fastener to cover closely, storm flap width is more than 4 inch & the length is more than 25 inch.

One concealed paper pockets under storm flap.

One left inside pocket, opening 170mm±3%, inside with hang.

Open up-ward, length, and width are more than 25cmx21cm, flap cover on opening with velcro fastener & four corners is bar tacked as reinforcement stress point, 2 drainages on the bottom.

- Armpit at underarm: When arms raise up, the wrists will not fall down.
- Bar-tacked stitches: Throat strap, collar protection, pocket, rack hoop are all stress point as reinforcement.
- Total coat length: From collar to bottom coat, above 79cm and below 93 cm. (S-XXL)
- Water in current resistance design in the cuff.
- Removable Outer shell Design.



Reinforcement of Neoprene Kevlar on the shoulder

Reflective tape: Two verticals & one horizontal **3M** 8935 (Silver) 2" hammed on back of the coat.

Reinforcement of Neoprene Kevlar on elbows

Reflective tape: One roll of **3M** 9587 (yellow/silver/yellow) 2" tape hammed on front/back chest; 2 rows on the bottom of coat running over the down pockets; one row on sleeves; one vertical line on the central flap.



Maximum Visibility



Fully Detachable Liner



Quick Release Zipper



Full Wrists Cover Cuff

Fire-Over Trousers:

| Parameter | Clause item acc. EN469:2005 | Performance Level |
|---------------------------------|-------------------------------|-------------------|
| Heat Transfer (Flame) | Clause 6.2 & acc. EN367 | Level Xf2 |
| Heat Transfer (Radiation) | Clause 6.3 & acc. EN ISO 6942 | Level Xr2 |
| Resistance To Water Penetration | Clause 6.11 EN 20811 | Level Y2 |
| Water Vapour Resistance | Clause 6.12 EN 31092 | Level Z2 |

- Waterproof material applied in the bottom of the inner lining to against water penetration from down to top is a fire-resistant material.
- Zipper leg with reflective tape for Immovable outer shell design only.
- Rip-stop fabric Reinforcement on the cuff.



Trousers Side View



Adjustable and Elastic waist over trouser with two cross stretch suspenders including adjustment accessories.

The centralized zipper in front pant and cover with storm flap with Velcro as protection

One inside pocket on the inner of the trousers.

Two bellow pockets on the out-trouser with Velcro fastener and drainages on the bottom at a size of 21cmX17cmX3.5cm with cover flap.

Knees pads made of neoprene Kevlar applied on trouser legs.

Reflective tape: Single roll **3M** 9587 (Yellow/Silver/Yellow) 2" hammed around the bottom of the pant.

Size Chart For The Fireman Suit (Mid East) (CM)

| | XXL | XL | L | M | S |
|--------------------|-----|-----|-----|-----|-----|
| Length Of Frock | 93 | 90 | 87 | 83 | 79 |
| Chest | 144 | 140 | 136 | 132 | 128 |
| Sleeve | 66 | 65 | 60 | 56 | 53 |
| Length Of Trousers | 108 | 106 | 104 | 102 | 100 |
| Waist | 124 | 120 | 116 | 112 | 108 |
| Inside Leg | 74 | 73 | 72 | 70 | 68 |

Fire-Coat:

The collar can turn up & down. When the collar turns up, velcro on the throat protection can adjust the size. Hang loop in a central coat with reinforcement bar-tacked sticking.

Radio (transceiver pocket) pockets on both side of coat, dimensional size: 20cm (H) x 9cm (W) x 6cm (D). Drainage on bottom corner, toward up opening covered with a flap and sewed with velcro length more than 60mm from the bottom for adjustment purpose.

Wristband: wristlet is fire-resistant material and fire-resistant elastic band and design in thumb hole in order to guarantee full wrists cover when arms raise over his hand.



Closer design system: emergency escape brass centralized zipper with velcro fastener to cover closely, storm flap width is more than 4 inch & the length is more than 25 inch.

One concealed paper pockets under storm flap.
One left inside pocket, opening 170mm±3%, inside with hang.

Open up-ward, length, and width are more than 25cmx21cm, flap cover on opening with velcro fastener & four corners is bar tacked as reinforcement stress point, 2 drainages on the bottom.

- Armpit at underarm: When arms raise up, the wrists will not fall down.

- Bar-tacked stitches: Throat strap, collar protection, pocket, rack hoop are all stress point as reinforcement.

- Total coat length: From collar to bottom coat, above 79cm and below 93 cm. (S-XXL)

- Water in current resistance design in the cuff.

- Removable Outer shell Design.



Reinforcement of Neoprene Kevlar on the shoulder

Velcro branding attachable

Reflective tape: Two verticals & one horizontal **3M** 8935 (Silver) 2" hammed on back of the coat.

Reinforcement of Neoprene Kevlar on elbows

Reflective tape: One roll of **3M** 9587 (Yellow/Silver/Yellow) 2" tape hammed on front/back chest; 2 rows on the bottom of coat running over the down pockets; one row on sleeves; one vertical line on the central flap.



Maximum Visibility



Fully Detachable Liner



Quick Release Zipper



Full Wrists Cover Cuff

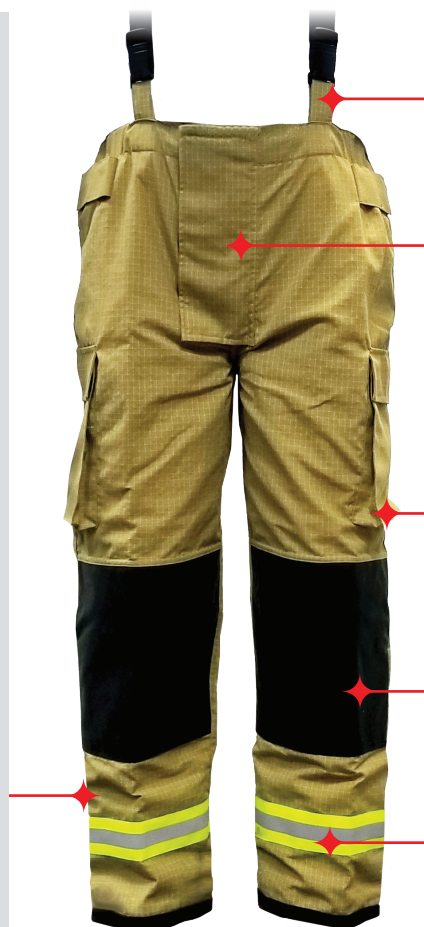
Fire-Over Trousers:

| Parameter | Clause item acc. EN469:2005 | Performance Level |
|---------------------------------|-------------------------------|-------------------|
| Heat Transfer (Flame) | Clause 6.2 & acc. EN367 | Level Xf2 |
| Heat Transfer (Radiation) | Clause 6.3 & acc. EN ISO 6942 | Level Xr2 |
| Resistance To Water Penetration | Clause 6.11 EN 20811 | Level Y2 |
| Water Vapour Resistance | Clause 6.12 EN 31092 | Level Z2 |

- Waterproof material applied in the bottom of the inner lining to against water penetration from down to top is a fire-resistant material.
- Zipper leg with reflective tape for Immovable outer shell design only.
- Rip-stop fabric Reinforcement on the cuff.



Trousers Side View



Adjustable and Elastic waist over trouser with two cross stretch suspenders including adjustment accessories.

The centralized zipper in front pant and cover with storm flap with Velcro as protection

One inside pocket on the inner of the trousers.

Two bellow pockets on the out-trouser with Velcro fastener and drainages on the bottom at a size of 21cmX17cmX3.5cm with cover flap.

Knees pads made of neoprene Kevlar applied on trouser legs.

Reflective tape: Single roll **3M** 9587 (Yellow/Silver/Yellow) 2" hammed around the bottom of the pant.

Size Chart For The Fireman Suit (Mid East) (CM)

| | XXL | XL | L | M | S |
|--------------------|-----|-----|-----|-----|-----|
| Length Of Frock | 93 | 90 | 87 | 83 | 79 |
| Chest | 144 | 140 | 136 | 132 | 128 |
| Sleeve | 66 | 65 | 60 | 56 | 53 |
| Length Of Trousers | 108 | 106 | 104 | 102 | 100 |
| Waist | 124 | 120 | 116 | 112 | 108 |
| Inside Leg | 74 | 73 | 72 | 70 | 68 |

PromaxFX

pbi[®]
NOMEX[®]
3M



ASP
Atlas Safety Products

Atlas Safety Products, LLC
10000 Spring Valley Road, Suite 1000, Dallas, Texas 75243
Tel: 972.447.7000 Fax: 972.447.7046
info@atlasusa.com | www.atlasusa.com