

XR PRO 1 · FIRE CONTAINMENT APRON

CARE GUIDELINES

How to wash, store, inspect and rely on the world's first functional fire-containment apron — so it keeps protecting you, wash after wash.

BUY TIME. STAY SAFE. PROTECT WHAT MATTERS.

Keep this guide with your apron · Read before first use

MODEL

XR PRO 1

PATENT PENDING 2309068.1

WELCOME

CARE FOR THE THING THAT CARES FOR YOU

Your XR Pro 1 is a genuine everyday apron and a life-safety device in one. Looked after well, it stays comfortable, hard-wearing and — most importantly — **ready in the seconds that matter.**

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ONE GOLDEN RULE

The XR Pro 1 is **single-use in a fire**. If it has been deployed on flames or exposed to fire, it must be replaced — never washed and never reused.

SECTION 01

MEET YOUR XR PRO 1

Before you care for it, know what you're caring for. Every element is built to work daily *and* to perform under fire — which is why correct washing and storage matter.



- 1 Quick-release deployment**
Frees the apron instantly so it can be placed straight onto a fire.
- 2 Fire-containment barrier**
Engineered fabric smothers flames by cutting off oxygen.
- 3 Integrated oven mitts**
Built-in heat protection for handling hot equipment.
- 4 Reflective safety strip**
Improves visibility in smoke and low light.
- 5 Utensil storage pocket**
Keeps essential tools close during service.
- 6 Front protection handles**
Shield yourself from heat and exit safely.
- 7 Quick-release straps**
Adjustable neck & waist; release fast, fasten simply.

WHY CARE MATTERS

Incorrect washing — bleach, dry-cleaning, over-drying, or washing with contaminating garments — can degrade the fire-containment fabric and the quick-release action. Caring for it correctly keeps every feature fire-ready.

SECTION 02

WASHING INSTRUCTIONS

Built for real working environments — durable and fully washable for daily use. Follow these figures exactly to preserve both comfort and fire performance.



Wash 40–60°C
Machine wash



pH 7–9
Low alkalinity



Tumble 60°C
≈500 rpm



No bleach
Never



No dry clean
Never

PARAMETER	SPECIFICATION
Wash temperature	Minimum 40°C · Maximum 60°C
Water / detergent pH	pH 7–9 (high surfactant, low alkalinity)
Water quality	Use neutral-pH, low-hardness water where possible
Mechanical action	Normal mechanical action during wash & rinse is acceptable
Drying	Tumble dry at 60°C (approx. 500 rpm) · avoid over-drying
Machine load	80% load dark garments · 70% sensitive garments
Laminated garments	Wash separately to avoid fibre contamination

SECTION 02 · CONTINUED

WASH DO'S & DON'TS

A quick reference for every wash cycle — keep to these and the fabric, fit and fire performance all last.

✓ DO

- Wash between 40°C and 60°C with a neutral-pH detergent
- Wash laminated garments separately
- Tumble dry at 60°C and remove promptly
- Keep to the recommended machine load
- Use neutral-pH, low-hardness water where possible

✗ DON'T

- Use bleach or any chlorine product
- Dry clean the apron
- Over-dry — it causes shrinkage
- Mix with heavily soiled or linting garments
- Iron directly over the reflective strip or mark

SOURCE OF TRUTH

All washing figures are taken directly from the XR Pro 1 Technical Data Sheet. If your laundry provider needs the technical specification, share that data sheet alongside this guide.

SECTION 03

DRYING & STORAGE

A fire device is only as good as its readiness. How you dry, hang and store the apron between uses keeps the quick-release fast and the fabric intact.



DRY IT RIGHT

Tumble dry at 60°C and take it out promptly. Over-drying shrinks the fabric and stresses seams. Never dry near a naked flame.



HANG, DON'T CRAM

Store hung on a hook or rail, unfolded, in a dry place away from heat and direct sunlight. Don't crush under other items.



KEEP RELEASE CLEAR

Never let the quick-release handle or straps get knotted, tucked away or obstructed. It must be grabbable in one motion.

READY MEANS REACHABLE

The apron protects best when it's **worn, not stored** — but between shifts, a clear hook near the cooking area keeps it within a two-second reach. Treat its spot like you would a fire extinguisher's.

SECTION 03 · CONTINUED

EVERYDAY HANDLING

Small habits during service keep the apron clean, comfortable and dependable — and make sure it's always where you expect it.

✓ GOOD HABITS

- Wipe off spills and grease promptly during service
- Return it to the same hook so it's always findable
- Keep the reflective strip clean so it stays visible in smoke
- Adjust straps to a snug, comfortable fit before cooking

✗ AVOID

- Storing it damp — it can mildew and weaken fibres
- Using it as a pot-holder beyond the built-in mitts
- Ironing the reflective strip or printed mark directly
- Leaving it bundled where the release can snag

COMFORT & FIT

Re-check the fit after repeated washing. A snug, correctly adjusted apron is faster to release and more comfortable across a long shift.

SECTION 04

REGULAR INSPECTION

A 30-second check keeps the XR Pro 1 dependable. In commercial settings, make it part of the opening routine and log it in your fire-safety records.

- ☐ **Quick-release mechanism** — pulls freely and releases in one smooth motion, nothing obstructing it.
- ☐ **Straps & fastenings** — intact, adjustable, fasten securely; no fraying at anchor points.
- ☐ **Fabric & seams** — no holes, tears, scorching, thinning or delamination.
- ☐ **Oven mitts** — lining intact, no burn-through, still supple and usable.
- ☐ **Reflective strip & pocket** — strip clean and attached; pocket secure and clear of the release path.

▲ TAKE IT OUT OF SERVICE IF YOU FIND...

- | | |
|---|-----------------------------------|
| × Any hole, tear or scorch mark | × A release that sticks or jams |
| × Delamination or stiff, cracked fabric | × Burn-through on the mitts |
| × Frayed or failing straps | × Any exposure to a previous fire |

RECORD KEEPING

For businesses, documenting these checks supports your duties under the Regulatory Reform (Fire Safety) Order 2005 and demonstrates proactive risk management.

SECTION 05

IN AN EMERGENCY

The EN 1869 fire-blanket standard requires a blanket out of its packaging in 4 seconds — the time it takes to apply the XR Pro 1 to a pan fire. Know these steps *before* you need them.

1

TURN OFF THE HEAT SOURCE

Switch off gas or electricity **if safe to do so**. Do not put yourself at risk.

2

RELEASE THE APRON

Activate the quick-release mechanism and remove the apron quickly and safely.

3

COVER THE FIRE

Place the apron fully over the flames, ensuring complete coverage to cut off oxygen.

4

LEAVE IT IN PLACE

Do NOT remove the apron — the fire may reignite if uncovered.

5

EVACUATE IMMEDIATELY

Ensure all persons leave the area safely.

6

CALL 999

Call emergency services and inform them the fire is contained.

7

DO NOT RETURN

Leave the situation to the fire brigade.

SECTION 05 · CONTINUED

IMPORTANT SAFETY WARNINGS

The XR Pro 1 buys you critical time and protection — but it works alongside, not instead of, professional fire response. Keep these limits front of mind.

▲ ALWAYS REMEMBER

- ✗ Do NOT attempt to move burning materials
- ✗ Do NOT reuse after fire exposure
- ✗ Always call emergency services
- ✗ Do NOT remove the apron once placed
- ✗ Not a replacement for fire extinguishers
- ✗ Front handles are for self-shielding only

DESIGNED TO BUY TIME

Its job is to **contain a fire in its first seconds** and let people protect themselves and get clear. Once everyone is safe and the fire is contained, the professionals take over. Never re-enter a fire scene.

SECTION 06

AFTER IT HAS DONE ITS JOB

If the XR Pro 1 has been deployed on a fire or exposed to flame, its protective performance cannot be guaranteed again. **Do not wash it. Do not reuse it.** Replace it so you're never caught without protection.

✗ AFTER FIRE EXPOSURE

- Do not attempt to clean or wash it
- Do not return it to service
- Dispose of it responsibly
- Order a replacement promptly

✓ EVERYDAY LIFESPAN

- Replace if inspection reveals damage
- Retire heavily worn or shrunken aprons
- Keep a spare in busy kitchens
- Re-check fit after repeated washing

QUESTIONS?

For replacements, bulk orders or laundry-specification support, contact us at hello@flamethrow.co.uk. Keep this guide with your apron for future reference.

JOIN THE MOVEMENT

REGISTER YOUR APRON



FREE TRAINING. REAL COMMUNITY.

PROTECT THE MOMENT

Scan to register your XR Pro 1 for a **free course on how to use and care for it** — and join a community of people who protect the moments that matter. Recipes, tips and inspiration to celebrate everything you cook.

COOK

Do what you love, safely

SHARE

Post it — inspire others

CONNECT

Join the community

ONE REGISTRATION, LIFELONG SUPPORT

Registering means you'll always have the latest care guidance, training updates and replacement information — and you become part of the movement to drive kitchen-fire injuries toward zero.



*"Buy time. **Stay safe.** Protect what matters."*

Flamethrow is a trading name of Spireway Global Ltd

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