

Pionér Antiflame News



The "BEST" just got "BETTER"



FIREMASTER evolves into the FIREMASTER PLUS

Pionér have used their design and innovative expertise to update their BEST SELLING PRODUCT the Firemaster. The FIREMASTER PLUS is to replace the Firemaster from September 2010. It is now tested to new standard EN ISO 11612, and with the addition of a new colour, royal, the BEST really has just got BETTER.

THE FIREMASTER PLUS

- Tested to **NEW safety standard EN ISO 11612.**
- Introducing **NEW colour, royal** to its collection. Now available in **4 colours.**
 - **3M FR tape.**
 - Produced using only the **BEST component parts.**
- New style **square pockets** and **zip up to neck** provides wearers with extra protection.
- Made with fabric from **leading flame retardant fabric manufacturer DALETEC.**
- Same **quality**, same brand, same **excellence** in design standards.

DALETEC fabric



- Daletec, for the past 35 years has been a **leading manufacturer of Flame Retardant fabrics.**
 - Using **the best** raw materials and textile dyes.
 - Daletec pyrovatex is performance tested to **200 washes.**
 - Certified to **OEKO-TEX 100.**
- Daletec **Operates in demanding environments** such as the North sea, S.E. Asia, Mexico, Russia and the U.S.

FIREMASTER PLUS certified to New standard EN ISO 11612

The testing is now more rigorous and intensive on garments for the new standard.

- Safety standard EN 531 has now been replaced by EN ISO 11612 Clothing for heat and flame.
- The standards are targeted at testing finished garments, so now fabric, design specifications and garment features, such as seams have to comply.
- EN 11612 now includes F code for contact heat.
- Flame spread for EN11612 is tested both before and after laundry.
- Standard EN 531 used to test only the flame spread after 5 cycles, but with new standard EN 11612 ALL of the tests are made after 5 laundry cycles.
- Each wash cycle is now followed by drying, so for example, 100 washes goes through 100 dry cycles. Prior to this the garments were only dried after the final wash.

Table below showing increased testing:

| EN11612 | EN 531 |
|-----------------------------|-----------------------------|
| Heat Resistance | Dimensional change |
| Limited flame spread | Limited flame spread (A) |
| Dimensional change | Convective heat (B) |
| Tensile strength | Radiant Heat |
| Tear strength | Molten aluminium splash (D) |
| Burst strength | Molten iron splash (E) |
| Seam strength | |
| Convective heat (B) | |
| Radiant Heat (C) | |
| Molten aluminium splash (D) | |
| Molten iron splash (E) | |
| Contact heat | |

NEW PRODUCT LAUNCH PTO....



COMING SOON....



LAUNCH AUTUMN 2010

Pionér Offshore garment
THE RIGGMASTER

BRAND NEW
fabric developed for Pionér
FlamTECH



Certified to **NEW** standard **EN ISO 11612**

Same Pionér excellence
in design and comfort



Pionér - over 125 years in the know

- Pionér have been providing industries with high quality protective clothing for over 125 years.
- Pionér supply high quality, functional and innovative garments, which provide exceptional comfort through using some of the best components and fabrics in the market.
- As a NOMEX® Quality Partner, Pionér shares DuPont's commitment to high product quality standards, producing sought after garments for the Utilities industry.
- In 2004 Pionér was acquired by the Kwintet group, the largest supplier of Workwear in Europe, and the new UK Company Pionér Fristads was formed.
- With Pionér expertise in anti-flame protective clothing already well established, they also supply two major European workwear brands; Fristads from Sweden and Kansas from Denmark.

Don't forget to look out for our next issue

COMING SOON.....

FRISTADS & CO

For more information on these products or any other information, please contact sales@fristads-co.com / 01603 786160