



**M&M PROTEK**  
since 2005

## Ficha Técnica

### Calça Ignífuga e anti-estática BizFlame Pro - En11611 En1161

Ref. PWFR36



#### Descrição:

- Calça robusta proporciona conforto e protecção de várias normas EN.
- Resistência à chama garantida para a vida do vestuário.
- Protecção contra calor radiante, convectivo e de contacto.
- Protecção certificada contra salpicos de metal fundido.
- Protecção de soldadura classe 1.
- Tecido com classificação UPF de 50+ para bloquear 98% dos raios UV.
- Costuras duplas para maior durabilidade.
- Cintura traseira elástica para um ajuste seguro e confortável.

**Composição:** 99% algodão 1% fibra de carbono - 330gr/m<sup>2</sup>

**Tamanhos:** S ao 3XL

#### Normas:

EN 1149 -5  
EN ISO 11612 (A1+A2, B1, C1, E3, F1)  
EN ISO 11611 Classe 1 (A1+A2)



#### Cores disponíveis:





Notified Body 0321

Issued to: Portwest Limited,  
Portwest House,  
IDA Business & Technology Park  
Westport, County Mayo,  
Eire.

Client P0214

# EC Type-Examination Certificate

## Number 6748 (Issue 1)

This is to certify that the garments reference FR35, FR36, FR37 & FR38 comprising:

Product reference	Description
	Flame resistant garments made in 99% Cotton, 1% Carbon fibre 330g/m <sup>2</sup> fabric.

FR35	Jacket
FR36	Trousers
FR37	Bib & Brace trousers
FR38	Coverall

Manufactured by: Portwest Ltd, B2-803 Room, Ju YuanZhou, Xin Yuan Building, No.616 JinShan Rd., JinShan, FuZhou, FuJian, China 35003

### Classification

EN ISO 11611:2007	Impact of Spatter	Class 1
	Radiant Heat	Class 2
	Limited Flame Spread	Class A1 & A2
	Convective Heat	Class B1
EN ISO 11612:2008	Radiant Heat	Class C1
	Molten Iron	Class E3
	Contact Heat	Class F1
EN1149-5: 2008	Electrostatic properties	Pass

### Technical reports

SATRA: SPC0215754/1326/3, SPC0194301/1119/2, SPC0194301/1119/3, SPC0194301/1119/4, SPC0186603/1/1028/1  
TUV: 15028226 001  
STFI:4672/10-5787/10

has been subject to an EC Type-examination in accordance with Article 10 of the PPE Directive (89/686/EEC) and has been shown to satisfy the relevant provisions of this Directive for the complex category through:

- i Testing to the following standards: EN ISO 11611:2007, EN ISO 11612:2008 & EN1149-5: 2008
- ii Examination of the relevant technical documentation.

You are therefore licensed to mark the products listed above in accordance with Article 13 of Directive (89/686/EEC) and any relevant amending Directives once you have drawn up an EC declaration of product conformity. Please note that:

1. Full details of the certification and product are contained in the manufacturer's technical file
2. This certificate is only valid if embossed with the text – "SATRA – European Notified Body 0321"
3. This certificate is issued subject to the conditions on the reverse side of this certificate
4. CE marking of production is also reliant on current compliance with Directive 89/686/EEC Article 11

Signed:  (S Hardcastle)

Signed: 

Date: 17<sup>th</sup> October 2013

On behalf of SATRA