FLAME-RESISTANT COTTON-RICH FABRIC
Why do welders prefer flame-resistant fabric with the **BIZWELD advantage**?

**BIZWELD** is a cotton-rich flame-resistant fabric, globally available and engineered for maximum performance, comfort and durability. This high-technology fabric is used with confidence by thousands of workers in the welding industry and allied industries.

- **Exceeds** international safety standards
- **Outstanding** flame-resistant cotton performance
- **Excellent** high-tensile strength
- **Extreme reliability** and durability against failure
- **Market-leading colourfastness** and fade resistance in harsh conditions
- **Superior job-rated abrasion and tear resistance**
- **Enhanced breathability** and moisture wicking properties
- **Specialised moleskin** option with anti-static and electric-arc properties
- **Wide selection** of colours
- **Extensive protection** against the hazards of Molten Iron Splash

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**BIZWELD**

Premium-level flame-resistant fabric
100% high-grade cotton.
Fabric weight: 330gsm

**SAFE WELDER**

Outstanding value-for-money fabric which surpasses appropriate safety standards. 100% cotton.
Fabric weight: 330gsm.

**Premium-level flame-resistant fabric with additional anti-static and electric-arc resistance. 99% cotton, 1% carbon fibre.**

Fabric weight: 450gsm.
BIZWELD fabric is independently tested & certified

NFPA® 70E
NFPA 70E
This standard addresses electrical safety-related work practices and workplaces

NFPA® 2112
NFPA 2112: 2012
Protective clothing against the hazards of Flash Fire

ASTM F1506-10a
ASTM F1506-10A
This test method covers the flame resistance of textiles used in clothing exposed to momentary electric arc and related hazards

EN ISO 11611
Protective clothing for use in welding and allied processes

EN ISO 11612
Protective clothing – Clothing to protect against heat and flame

EN 11149
Protective clothing – electrostatic

IEC 61482-2
Live working – Protective clothing against the thermal hazards of an electric arc

GOST-R
Russian Certificate of Conformity

IEC 61482-2
Live working – Protective clothing against the thermal hazards of an electric arc

<table>
<thead>
<tr>
<th>Product</th>
<th>Composition</th>
<th>Weight g/m²</th>
<th>Tear Strength (N/Warp x Weft)</th>
<th>Max. Wash Temperature</th>
<th>EN ISO 11611</th>
<th>EN ISO 11612</th>
<th>EN 1149</th>
<th>EN 20471</th>
<th>IEC 61482-2</th>
<th>Gest-R</th>
<th>NFPA 2112</th>
<th>NFPA 70E</th>
<th>ASTM F1599</th>
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</thead>
<tbody>
<tr>
<td>BIZWELD</td>
<td>100% Cotton</td>
<td>330</td>
<td>27 x 26 N ISO 13937-2</td>
<td>40°</td>
<td>✔️</td>
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<tr>
<td>BIZWELD MOLE</td>
<td>99% Cotton, 1% Carbon Fibre</td>
<td>450</td>
<td>36 x 41 N ISO 13937-2</td>
<td>60°</td>
<td>✔️</td>
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CLASS 1
Manual welding techniques with light formation of spatters and drops, eg;
- Gas welding
- TIG welding
- MIG welding
- Micro plasma welding
- Brazing
- Spot welding
- MMA welding (with rutile-covered electrode)

CLASS 2
Manual welding techniques with heavy formation of spatters and drops, eg;
- MMA welding (with basic or cellulose-covered electrode)
- MAG welding (with CO2 or mixed gases)
- MIG welding (with high current)
- Self-shielded flux-cored arc welding
- Plasma cutting
- Gouging
- Oxygen cutting
- Thermal spraying
Why does Portwest prefer BIZWELD fabric?

- Flame resistance which surpasses the requirements of EN ISO 11611 – the ultimate globally recognised industry safety welding standard
- Exceptional abrasion resistance and high-tensile strength
- Colourfast over many washes
- Maximum breathability and comfort
- Surpasses CE standards

Portwest BIZWELD value/quality proposition

- BIZWELD gives full flame resistance protection for welders.
- Portwest is a vertical company. All our flame-resistant workwear is produced in our own factory, employing over 1,000 machinists. This ensures 100% control over every stage of the production process from components to finished product.
- Portwest has a global distribution network with hubs in the UK, Ireland, Poland, Paris, Germany, Sharjah UAE and USA.

Premium features of Portwest BIZWELD garments

- Double-stitched seams
- Flame-resistant branded thread and zippers
- Radio loops
- Smartphone pockets
- Flame-resistant high-technology reflective tape
- Regular and tall fitting and extra-big sizes
- CE standards clearly marked on the sleeve

Want to find out more?
Email sales@portwest.com or visit www.portwest.com