Flame Retardant | Fire Resistant
High Visibility | Antistatic

Technical Textiles Catalogue

- Firefighting Apparels
- Electric Arc Protection Garments
- Protective Clothing for Welding Workers
- Petroleum, Oil and Gas Pipeline Coveralls

Special Protective Suits for
- Chemical Industry
- Vessel Building
- Electrical Power Stations
- Military and Policemen

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Personal Protection

Personal protective fabric made of FR yarn does not burn, melt or bring poison gas. It is widely used in metallurgy, construction, vessel building, petroleum industry, chemical industry, automobiles, electrical power, gas industry and special protective apparel for fire-fighters, military and policemen, racing drivers, etc.

- Firefighting Apparel
- Arc Protective Apparel
- Protective Apparel for Welding Workers

http://www.ebruzen.com.tr
Flame Resistant Garment

FR Yarn is integrity of many excellent properties including high temperature resistance, inherently flame resistance, electrical insulation, corrosion resistance and good spinnability. It is playing irreplaceable roles in many areas.

FR Garments applied to firefighter suits by its excellent heat protective barrier against flames.
Fire Resistant Products

Permanent flame resistant fibers are materials that have flame resistance built into their chemical structures. Ebruzen Textile offers permanent flame resistant yarns and fabrics composed of Aramid, and Modacrylic materials under the Ebruzen brand. The protection is built into the fiber itself and can "never be worn away or washed out" and cannot be compromised. It is crucial for the wearer to know the flame resistant protection is always there.

- FR Garments applied to industrial flame-resistant work wear with comforts.
FR Aramid Fabrics, when exposed to flame, the aramid fiber swells and becomes thicker, forming a protective barrier between the heat source and the skin. This protective barrier stays supple until it cools, giving the wearer vital extra seconds of protection to escape.

- No-melting, non-dripping, Non-toxic protection.
- Electrical arc flash & electrostatic discharge protection.
Flame Retardant Fabrics

Our flame-retardant fabrics deliver the ultimate level of protection when safety matters most. FR fabrics will not burn, melt, or ignite when exposed to direct flame; are highly resistant to molten metal splash and flammable liquids; and offer excellent protection from arc flash hazards. Even after intense exposure, flame-retardant fabrics maintain their strength and integrity and continue to protect. Constructed using advanced patented technology, our fabrics are comprised of a proprietary blend of high-performance fibers and are inherently flame retardant. Lightweight, flexible, and odor resistant, they also combine comfort with an extreme level of thermal protection. FR fabrics significantly outperform competitive flame-retardant textiles. In field tests conducted over the course of several years and across multiple applications, our flame-retardant fabrics have consistently proven their ability to withstand heat and direct flame for up to 20 times longer than other flame-retardant options.

- The term fire-retardant as applied to organic (i.e., containing carbon) materials, is intended to refer to reduced fire hazard, as all will burn under certain circumstances.

http://www.ebru zen.com.tr
# Flame Retardant Fabrics (Woven)

<table>
<thead>
<tr>
<th>Fabric Code</th>
<th>Fabric Composition</th>
<th>Weights</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBR009-V110</td>
<td>%50 Meta-Aramid %50 Viscose FR®</td>
<td>110 gr/m² (3.24 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-V130</td>
<td>%44 Meta-Aramid %10 Para-Aramid %46 Viscose FR® %1 Antistatic</td>
<td>130 gr/m² (3.83 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-T260</td>
<td>%50 Meta-Aramid %49 Lenzing FR® %1 Antistatic</td>
<td>260 gr/m² (7.67 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-R145</td>
<td>%99 Meta-Aramid %1 Antistatic</td>
<td>145 gr/m² (4.28 oz/yd²) 210 gr/m² (6.19 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-G185</td>
<td>%93 Meta-Aramid %6 Para-Aramid %2 Antistatic</td>
<td>185 gr/m² (5.46 oz/yd²) 225 gr/m² (6.64 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-N145</td>
<td>%100 Meta-Aramid</td>
<td>145 gr/m² (4.28 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-B245</td>
<td>%60 Modacrylic %39 Cotton %1 Antistatic</td>
<td>245 gr/m² (7.32 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-B220</td>
<td>%55 Modacrylic %43 Cotton %2 Antistatic</td>
<td>220 gr/m² (6.37 oz/yd²) 380 gr/m² (11.21 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-K230</td>
<td>%50 Kermel FR® %50 Viscose FR®</td>
<td>230 gr/m² (6.78 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-K260</td>
<td>%50 Kermel FR® %49 Lenzing FR® %1 Antistatic</td>
<td>260 gr/m² (7.67 oz/yd²)</td>
</tr>
<tr>
<td>*EBR009-C220</td>
<td>%100 Cotton</td>
<td>220 gr/m² (6.49 oz/yd²)</td>
</tr>
<tr>
<td>*EBR009-C230</td>
<td>%99 Cotton %1 Antistatic</td>
<td>230 gr/m² (6.78 oz/yd²)</td>
</tr>
<tr>
<td>*EBR009-C320</td>
<td>%100 Cotton</td>
<td>320 gr/m² (9.44 oz/yd²)</td>
</tr>
</tbody>
</table>

* (Flame Retardant Finishing Treatment)

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</tr>
</thead>
<tbody>
<tr>
<td>EBR009-P235</td>
<td>%100 Para-Aramid</td>
<td>325 gr/m² (9.59 oz/yd²) 370 gr/m² (10.91 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-P405</td>
<td>%100 Para-Aramid (Aluminize)</td>
<td>405 gr/m² (11.94 oz/yd²) 570 gr/m² (16.81 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-P350</td>
<td>%70 Preox %30 Para-Aramid</td>
<td>350 gr/m² (10.32 oz/yd²)</td>
</tr>
</tbody>
</table>

## Additional Features

- Liquid / Water Repellency
- Antibacterial
- U.V Filter
- High Visibility Colours

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[Additional certifications and logos related to safety and standards are also displayed on the page.]

[http://www.ebruzen.com.tr]
Flame Retardant Fabrics (Knitted)

Superb comfort and full first-layer anti-flame protection. Advanced material that solidifies on contact with heat creates a protective skin. Features moisture transporting fabric for enhanced working comfort. Conforms to EN11612 and EN1149 Anti static.

Fire retardant fabrics are textiles that are naturally more resistant to fire than others through chemical treatment or manufactured fireproof fibers. Flame retardant clothing made of FR fabric can be worn daily as part of a total personal protective equipment (PPE) solution, providing significant value to users. Our FR fabrics are used in flame retardant baselayer garments, gloves, balaclavas, socks, jackets, pants, shirts, outerwear, and other applications.

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<tbody>
<tr>
<td>EBR009-L220</td>
<td>%80 Lenzing FR® %20 Para-Aramid</td>
<td>220 gr/m² (6.49 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-H220</td>
<td>%99 Kermel FR® %1 Antistatic</td>
<td>220 gr/m² (6.49 oz/yd²) ~ 255 gr/m² (7.52 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-T220</td>
<td>%93 Meta-Aramid %5 Para-Aramid %2 Antistatic</td>
<td>220 gr/m² (6.49 oz/yd²) ~ 260 gr/m² (7.67 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-M240</td>
<td>%60 Modacrylic %38 Cotton %2 Antistatic</td>
<td>240 gr/m² (7.08 oz/yd²)</td>
</tr>
<tr>
<td>EBR009-M260</td>
<td>%55 Modacrylic %43 Cotton %2 Antistatic</td>
<td>260 gr/m² (7.67 oz/yd²)</td>
</tr>
</tbody>
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High Performance FR Coverall (High Visibility)

FR coveralls provide an extensive range of flame retardant clothing providing complete protection when working in conditions of extreme heat and other hazardous environments. All of our flame retardant clothing is designed to conform to certified International Standards, ensuring that they each provide the optimal level of protection while maintaining long lasting comfort and a fashionable appearance.
Welding FR Coverall

The Fire Safe welding coverall is guaranteed Flame retardant for the life of the garment. The garment has a Class 2 EN ISO 16111 protection against higher levels of molten metal splash. Designed specifically for all types of welding work, welding coverall has a high resistance to arc welding spots in all types of welding conditions. Utilising the best of both modern and traditional construction techniques. Whilst numerous design features ensure the garments are practical and afford exceptional comfort. The quality is clear to see with a concealed swivel button front closure to help prevent arcing, face down seams are used throughout to prevent any metal splash or arc spots lodging and also included are two very handy internal chest pockets. Made with fabric from the leading flame retardant fabric manufacturer Ebruzen.
Petroleum, Oil and Gas Pipelines

Select personal protective clothing and equipment. No single protective clothing material will protect you from all dangerous pipeline materials, always use the highest level of caution. Personal protective clothing is your last line of defense!
Paint and Chemical Industries

FR clothing is used to protect against such hazards, it should not create other hazards or problems as it does so. As the flame-retardant material delays or prevents combustions, it should not melt and adhere to skin, it must not produce toxic gases when it is heated in a flame, and it must not shrink and split open when exposed to a flame.
FR Aviation Flight Suits, Coveralls for Pilots

Military flight suits of many countries Air Force are full-body garments worn by aircraft pilots. Flight suits are commonly worn many types of pilots, such as those of jet airplanes, helicopters, and gliders. The main purpose of Air Force flight suits is to keep the individual wearing the flight suit warm. Military flight suits are also practically designed for combat, typically offering features such as fire retardant materials and several pockets.

At Military Uniform Supply, we carry many styles of Air Force flight suits for sale and in many colors, including black flight suits, khaki flight suits, sage flight suits, and navy blue flight suits. We also carry flight suit-related items like coveralls and flight gloves. Similar to jumpsuits, Army and Navy flight suits have the appearance of one-piece garments. Flight suits provide the safety, security, and comfort Air Force service personnel demand.

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Flame Retardant Fiber and Yarn Brands

The flame retardant characteristic is added to the polymer chain and therefore it is permanent on the FR yarns range. That means the flame protection cannot be influenced by ageing or washing. People in professions involving a high level of risk from burns need to wear special protective clothing. Apart from direct fire, heat, in its different forms, represents a significant danger. Skin is our largest organ and its only form of protection is our clothing.

When safety is the number one criteria, you need a reliable source of Highly Technical yarns to build your products on a secure foundation. Ebruzen Textile works with your technical experts to develop and produce the right yarn for the job using the best fiber blends and our reliable multiple spinning techniques to deliver to you a consistent quality. Whether you are weaving or knitting for a Military project, the Oil, Gas or Mining industries, the Utilities services or any other special application, high quality fabrics can produce the type of yarn and fiber blend that will perform to meet the standards and specifications that you need to meet.
Wholesale Flame Retardant Fabrics

We are a premium tailor made clothing supplier and we provide a deluxe bespoke service at an affordable price. We can make custom garments according to your needs for business, and formal workwear. We design custom coveralls, pants, jackets, brace overalls, lab coats, parkas, t-shirts, vests for all.

In any work environment that exposes individuals to the risk of flash fires or explosions, something that could potentially prevent a more serious burn injury or help to save a life is necessary. When seconds separate disaster from safety, flame resistant protective clothing just might be the difference that can save a life. We know that the wide range of flame resistant fabrics can be confusing to the end user confronted with so many different fabrics to choose from, all with their own advantages and disadvantages.

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Sample Clothing Options

Model No: WRK-901

Model No: WRK-902

Model No: WRK-903

Model No: WRK-904

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Sample Clothing Options

Model No: WRK-905

Model No: WRK-906

Model No: WRK-907

Model No: WRK-908

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Tailor Made and Bespoke Production

We are a premium tailor made clothing supplier and we provide a deluxe bespoke service at an affordable price. We can make custom garments according to your needs for business, and formal workwear. We design custom coveralls, pants, jackets, brace overalls, lab coats, parkas, t-shirts, vests for all.

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