BODY PROTECTION & WORKWEAR · PREMIUM & SPECIALISED (HSE-MANDATED)

FR Coveralls (NFPA 2112 / EN ISO 11612)

FR coveralls are flame-resistant one-piece garments made from inherent aramid or treated cotton fabrics that self-extinguish and do not melt, protecting workers from flash fire and heat on oil, gas and petrochemical sites.

TECHNICAL SPECIFICATIONS	
Standards	NFPA 2112 (flash fire); EN ISO 11612 (A1, B1, C1 minimum); EN ISO 11611 for welding grades
Arc protection	NFPA 70E / IEC 61482-2 (ATPV 8–12 cal/cm² typical)
Antistatic	EN 1149-5 where specified
Fabric options	Inherent aramid blend; FR-treated 100% cotton; 88/12 cotton-nylon
Fabric weight	150 gsm (aramid) to 350 gsm (treated cotton)
Reflective tape	FR silver or yellow/silver 50 mm tape, EN ISO 20471 type
Sizes	S to 5XL
Colours	Royal blue, navy, orange, red, khaki; client-specific colours available
Packaging	Individually bagged, 10 to 20 per carton

Key features

- Inherent aramid blend (Nomex IIIA type, 150–200 gsm) or FR-treated cotton (260–350 gsm)
- Self-extinguishing fabric that does not melt or drip onto the skin
- FR sewing thread, FR reflective tape and concealed brass zip or FR snap closures
- Arc rating (ATPV) typically 8 to 12 cal/cm² on 260–350 gsm fabrics
- Action back, elasticated waist and gusseted crotch for mobility in heat
- Flame-resistance retained for the garment life or a stated number of washes

Variants available

- FR-treated cotton coverall with reflective tape (NFPA 2112)
- Inherent aramid coverall (EN ISO 11612 / NFPA 2112)
- Lightweight 150 gsm aramid summer coverall
- FR coverall with arc rating for electrical and process work
- Two-piece FR shirt and trouser set
- Hi-vis orange FR coverall with yellow reflective tape

TYPICAL APPLICATIONS	
Oil and gas	ADNOC, Aramco and QatarEnergy process areas, drilling rigs and gas plants
Petrochemical and refining	turnaround and maintenance crews
Utilities	power generation, substations and gas distribution
Construction	hot work and fabrication near hydrocarbon facilities
Logistics	fuel tanker drivers and LPG handling
Industrial	foundries and furnace areas with radiant heat

COMPLIANCE, BRANDS AND SELECTION

Compliance (UAE / GCC)

ADNOC HSE standards and Saudi Aramco CSM both require flame-resistant clothing for personnel in hydrocarbon process areas, drilling and well services, usually specifying NFPA 2112 certification or EN ISO 11612 with minimum A1, B1, C1 performance, plus EN 1149-5 antistatic for Zone 1 and 2 areas. Many operators also require an arc rating under NFPA 70E for electrical work. In the UAE, OSHAD and Dubai Municipality defer to client specifications for FR clothing on industrial sites.

Brands we supply

DuPont Nomex, Westex, Carrington, Portwest Bizflame, Lakeland, Vaultex

How to choose

1. Choose inherent aramid for lighter weight and permanent protection; choose treated cotton for lower cost
2. Check the client specification for NFPA 2112, EN ISO 11612 codes and antistatic requirements
3. Specify an arc rating (ATPV) if workers perform switching or electrical tasks
4. Confirm reflective tape colour and placement against the client HSE standard

Request a quotation

Send quantity, sizes and delivery location. We reply with an itemised quotation and certificates within one working day.

WhatsApp / call +971 54 541 4145 · faizal@albarakaservices.com

Product page: albarakaservices.com/products/safety-products/fr-coveralls/

Typical specifications for this product class, compiled by Al Baraka Diyar for quotation and tender preparation. This is not a manufacturer datasheet. Exact values, markings, sizes and certificates depend on the brand and model supplied and are confirmed in our quotation and in the manufacturer's test certificates. Always verify suitability with your site HSE officer. Information is subject to change without notice.