UDYOGI®
LIFE IS PRECIOUS

FLASHKNIGHT™

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TECHNICAL DATA SHEET

FKC150NB
Coverall

Flash Knight IFR 150 gsm Coverall

PRODUCT INTRODUCTION

Flash knight Inherently Flame Retardant (IFR) coveralls are a crucial element of personal protective equipment (PPE) designed to safeguard workers in environments where exposure to flash fire, flames and heat hazards is a risk. IFR coveralls are made from the fabric that have built-in flame-resistant properties that do not wash or wear out over time. This makes them a reliable choice for industries such as oil and gas, electrical utilities, firefighting, and other sectors where flash fire hazards are prevalent.

SPECIAL FEATURES

IFR | WASHABLE | LIGHT WEIGHT | FLEXIBLE | BREATHABLE | DURABLE | SKIN FRIENDLY | QUALITY PRODUCT

STYLE	FABRIC COMPOSITION	TRIM	MARKING
Coverall	100% Inherent Flame Retardant fabric (93% Meta-aramid, 5% Para-aramid, 2% Antistatic)±5%	100% FR Thread FR Velcro Snap Button FR Reflective Tape	Manufacturer Logo Model No. Fabric Composition Certification Size

FEATURES
Skin friendly fabric
Protection against flash fire
Protection against radiation heat
FR performance will never wash out
The hi-tech fabric will not cause any itchiness & stiffness

APPLICATIONS
Gas filtration
Daily Work Wear for Fireman / Firefighter
Plant shut down
Emergency response
Electrical Utilities

STORAGE
May be stored in the dark for upto 2 years
Do not store in direct/high heat or sunlight at this may distort the properties of the fabric
Can be stored and transported in their original cartons at ambient temparature

STORAGE
Single piece coverall with high collar
1” reflective tapes on chest, sleeves and below knee
2 chest pockets, 2 side pockets, 1pen pocket on sleeve
Front adjustment with 2way zipper and snap button & closure with flap

COLOUR	AVAILABLE SIZES
Navy Blue	S, M, L, XL, XXL

CLEANING	PACKING
Use light detergent for gentle wash	1 pc per packet

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CERTIFICATIONS

NFPA 2112 — Standard on Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from fire/flash fire thereby reducing the severity of burn injuries.

EN 1149-5 — Test method for materials to be used in the production of protective clothing with electrostatic dissipation for preventing incendiary discharge.

EN ISO 11612 — Specifies performance requirements for protective clothing made from flexible materials, which are designed to protect the wearer's body from heat and/or flame, describe in below chart:

EN ISO 11612:2015

CODE	INSPECTION CHARACTERISTIC	STANDARD	LEVELS
A	Limited Flame Spread, Surface Ignition	ISO 15025	1 (Lowest 1, Highest 3)
	Edge Ignition		2 (Lowest 1, Highest 3)
B	Convective Heat	ISO 9151	1 (Lowest 1, Highest 3)
C	Radiant Heat	ISO 6942	1 (Lowest 1, Highest 4)
F	Contact Heat	ISO 12127	1 (Lowest 1, Highest 3)

ASTM F1959 — Test method used to calculate quantitative results (arc ratings) for FR fabrics. Arc ratings are a measure of thermal protection provided by the fabric in an arc flash.

OEKO-TEX® STANDARD 100 — The above mentioned goods meet the Human-Ecological requirements of the STANDARD 100 by Oeko-Tex presently in ANNEX 4 for products direct contact to skin.

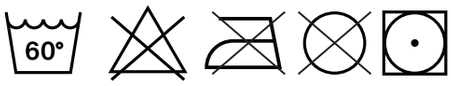
EN 13688 — Specifies general performance requirements for ergonomics, innocuousness, size designation, ageing, compatibility and marking of protective clothing and the information to be supplied by the manufacturer with the protective clothing.

INDUSTRY

Oil & Gas | Automobile | Windmill | Pharmaceutical | Cement | Metal | Automotive | Aerospace

WASHING INSTRUCTIONS

- Wash at maximum 60°C
- Never use chlorine bleach
- Use liquid detergents only
- Do not iron
- Do not dry clean
- Tumble dry at low heat
- Wash in an industrial washer



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IFR COVERALL SIZE CHART					
SIZE	**S**	**M**	**L**	**XL**	**XXL**
TOTAL LENGTH	59” 1/2	60” 1/2	61” 1/2	62” 1/2	63” 1/2
CHEST ROUND	43”	44”	45”	46”	47”
SHOULDER	17” 1/2	18” 1/2	19” 1/2	20” 1/2	21” 1/2
SLEEVE LENGTH	23”	23” 1/2	24”	24” 1/2	25”

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