



TECHNICAL DATA SHEET

FKT150KH Trousers

Flash Knight IFR 150 gsm Trousers

PRODUCT INTRODUCTION

Flash Knight Inherently Flame Retardant (IFR) Trousers 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 Trousers 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



STYLE	FABRIC COMPOSITION	TRIM	MARKING
Trousers	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
- Protect against thermal flash fire
- Protection against radiation heat
- FR performance will never wash out
- The hi-tech fabric will not cause any itchiness & stiffness

APPLICATION

- 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 temperature

DESIGN

- Waist adjustment with belt loop
- Front closing with snap button & metal zipper
- 2 Cargo pocket with flap and snap button
- 1" FR silver reflective tape on below knee and 2 side pockets

COLOUR	AVAILABLE SIZES	CLEANING	PACKING
Navy Blue	S, M, L, XL, XXL, XXXL	Use light detergent for gentle wash	1 pc per packet



CERTIFICATIONS

-  **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:

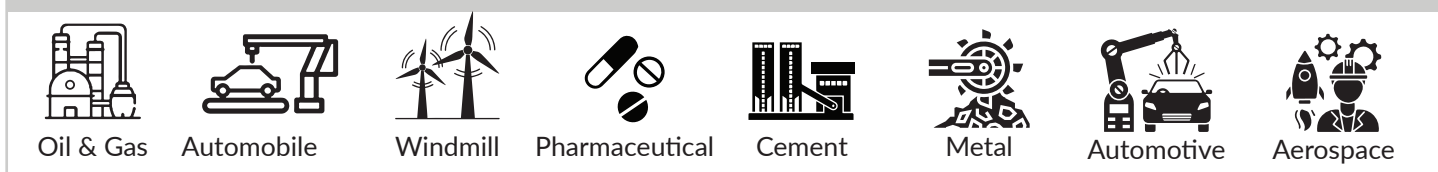
 EN ISO 11612:2015			
CODE	INSPECTION CHARACTERISTIC	STANDARD	LEVELS
A	Limited Flame Spread, Surface Ignition	ISO 15025	1 (Lowest 2, Highest 1)
	Edge Ignition		2 (Lowest 2, Highest 1)
B	Convective Heat	ISO 9151	1 (Lowest 1, Highest 3)
C	Radiant Heat	ISO 6942	1 (Lowest 1, Highest 4)
F	Contact Heat	ISO 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® CONFIDENCE IN TEXTILES 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



WASHING INSTRUCTIONS

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





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FR TROUSERS SIZE CHART

SIZE	S	M	L	XL	XXL	XXXL
LENGTH	41"	42"	43"	44"	45"	46"
WAIST	30"	32"	34"	36"	38"	40"
HIP GIRTH	20"	21"	22"	23"	24"	25"
LEG OPENING	7"1/2	8"	8"1/2	9"	9"1/2	10"

Udyogi

294, B. B. Ganguly Street,
2nd Floor, Kolkata - 700 012

E-mail : info@udyogi.net
Website : www.udyogisafety.com

Tel. : +91 33 2225 1470/71/72