UDYOGI®
LIFE IS PRECIOUS

MET-PROTEK

Scan Here For More Info

TECHNICAL DATA SHEET

MT330LBJ
D3E3 Jacket

Metprotek D3E3 IFR 330gsm Jacket

PRODUCT INTRODUCTION

Metprotek Inherently Flame Retardant (IFR) Jackets are a crucial element of personal protective equipment (PPE) designed to safeguard workers in environments where exposure to molten metal, flames, heat, and flash fire hazards is a risk. IFR Jackets 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 molten metal (aluminium, zinc,iron) , oil and gas, electrical utilities, firefighting, and other sectors where fire hazards are prevalent.

SPECIAL FEATURES

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

STYLE	FABRIC COMPOSITION	TRIM	MARKING
Jacket	100% Inherent Flame Retardant Fabric 330gsm (FR Viscose/ Wool/ Nylon) ±5%	100% FR Thread FR Zipper FR Plastic Snap Button FR Reflective Tape	Manufacturer Logo Model No. Fabric Composition Certification Size

FEATURES
Skin friendly fabric
Protection against molten aluminium
Protection against molten iron
Protection against radiant heat
FR performance will never wash out
The garments created with oxidized fibers to provide increased thermal resistance under continuous exposure to a thermal hazard
More breathable & comfortable

APPLICATION	
Blust Furnace	Poking & Lancing
Pot Room	Steel Melting Shop
Slag Remove	Arc Flash

COLOUR	AVAILABLE SIZES
Light Blue	S, M, L, XL, XXL, XXXL

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

DESIGN
Jacket with high collar
FR silver reflective tape on chest, arms
Two side pockets
Front adjustment with snap button closure with flap
Wrist adjustment with snap button
Waist adjustment

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

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

UDYOGI®
LIFE IS PRECIOUS

Scan Here For More Info

CERTIFICATIONS

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)
B	Convective Heat	ISO 9151	1 (Lowest 1, Highest 3)
C	Radiant Heat	ISO 6942	1 (Lowest 1, Highest 4)
D	Molten Aluminium	ISO 9185	3 (Lowest 1, Highest 3)
E	Molten Iron	ISO 9185	3 (Lowest 1, Highest 3)
F	Contact Heat	ISO 12127	1 (Lowest 1, Highest 3)

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

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.

EN ISO 11611 Test method specifies the minimum safety requirements for protective clothing for welding and allied processes.

IEC 61482 The overall standard that covers protective clothing against the thermal arc hazards of an electric arc.

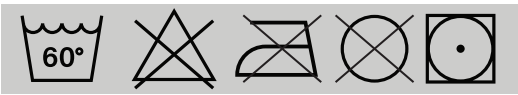
OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100 The above mentioned goods meet the Human-Ecological requirements of the STANDARD 100 by Oeko-Tex presently in ANNEX 4 for products direct contact to skin.

INDUSTRY

Molten Aluminium | Metal | Oil & Gas | Windmill | Pharmaceutical | Cement | 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



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

UDYOGI®
LIFE IS PRECIOUS

Scan Here For More Info

MT330LBJ

D3E3 Jacket

D3E3 JACKET SIZE CHART						
SIZE	S	M	L	XL	XXL	XXXL
LENGTH	26" 1/4	27" 1/4	28" 1/4	29" 1/4	30" 1/4	31" 1/4
CHEST ROUND	46"	47"	49"	50"	51"	52"
SLEEVE LENGTH	24" 1/2	25"	25" 1/2	26"	26" 1/2	27"
SHOULDER	18" 1/2	19" 1/2	20" 1/2	21" 1/2	22" 1/2	23" 1/2

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