

# HIGH RISK FABRIC

## INHERENT FR/RAIN PROOF/KNIT/ALUMINIZED



Specific engineering of inherently flame-resistant fabric for electric arc protection to minimize or prevent skin burns during an arc flash.

### BENEFITS OF WLTECH FABRIC WHY ARC STOPPER?

- Blending of high performance fibers is vital for featuring durable flame resistant , electric arc and flash fire protection.
- Excellent color fastness, industrial laundering adaptable. No disruption of appearance and protection property after multiple laundering.
- Moisture management is enhanced by unique cellulose fiber. Provide a soft, lightweight and breathable wearing experience.

Fabrics come in different colors, weights, construction and cal rating, but purpose of protection remains the same, providing inherent FR and arc flash protection that does not diminish with washing.

### INHERENT FR FABRIC

AS-175	175 GSM ±5%	HRC 1
AS-185	185 GSM ±5%	HRC 2
AS-230	230 GSM ±5%	HRC 2
AS-270	270 GSM ±5%	HRC 2
AS-415	415 GSM ±5%	HRC 3
AS-550	550 GSM ±5%	HRC 4

### MEETS THE FOLLOWING PERFORMANCE STANDARDS:



Specific engineering of inherently flame-resistant fabric for flash fire protection to protect the worker from the thermal hazards and minimize or prevent skin burns.

### BENEFITS OF WLTECH FABRIC WHY FLAME STOPPER?

- Blending of aramid, Lenzing FR and antistatic fiber, FR properties will not be removed by wash and wear.
- Excellent color fastness and strength, industrial laundering adaptable. No disruption of appearance and protection property after multiple laundering.
- Moisture management and skin affinity are enhanced by Lenzing FR. Proven eco-friendly by OEKO-TEX@CLASS II certificate.

Two fabric options are available: lightweight aramid blends and comfortable Lenzing FR blends. Despite the differences, they share a common objective—providing inherent FR, making them among the best choices for the oil gas industry.

### INHERENT FR FABRIC

FS-170	49% Lenzing FR / 49% Aramid / 2% AS	170 GSM ±5%
FS-210	49% Lenzing FR / 49% Aramid / 2% AS	210 GSM ±5%
FS-150	93% Meta-aramid/5% Para-aramid/2% AS	150 GSM ±5%
FS-200	93% Meta-aramid/5% Para-aramid/2% AS	200 GSM ±5%

### MEETS THE FOLLOWING PERFORMANCE STANDARDS:



Inherently flame-resistant fabric pioneered specially for protection against molten metal splashes, such as aluminum, iron,cryolite, steel, magnesium and leads.Effectively minimize or prevent skin burns.

### BENEFITS OF WLTECH FABRIC WHY METAL STOPPER?

- Blending of wool and FR fibers is vital for featuring excellent FR, thermal insulation, the molten metal also slide away instantly to prevent from sticking to the fabric.
- Inherent performance with excellent color fastness and strength. No disruption of appearance and protection property after multiple laundering.
- Moisture management is enhanced by unique fiber. Provide a soft, lightweight and breathable wearing experience.

Fabric come in different colors, weights and protect level, but purpose of protection remains the same, providing inherent FR and anti molten metal splash.The metal splashes slide off the fabric surface like water droplets, preventing adherence and reducing the risk of burns.

### INHERENT FR FABRIC

MS-270	270 GSM ±5%	B1/C1/D2/E2/F1	
MS-320	310 GSM ±5%	B1/C1/D3/E3/F1	HRC 2
MS-365	365 GSM ±5%	B1/C1/D3/E3/F1	

### MEETS THE FOLLOWING PERFORMANCE STANDARDS:



Inherently flame-resistant knitted fabric with ultimate elasticity.Unique fabric construction gears up the wearability and mobility on duty.Wearing comfort is in parallel with flame protection performance.

### BENEFITS OF WLTECH FABRIC WHY LIFE SAFE K?

- Optimal ductility and breathability are enhanced by unique fabric construction.Specific cellulosic fiber spells out excellent moisture absorption and touch affinity.
- Blending of high performance fibers is vital for featuring durable flame resistant,electric arc and flash fire protection.
- Excellent pilling resistance and color fastness,retains strength,shape and color after multiple laundering.

Fabrics come in various colors, weights, and protection levels. While ensuring inherent flame resistance and arc flash performance, they also guarantee an absolutely comfortable wearing experience.

### INHERENT FR FABRIC - KNIT

K-180	180 GSM ±5%	HRC 1
K-230	230 GSM ±5%	HRC 2

### MEETS THE FOLLOWING PERFORMANCE STANDARDS:



Functional fabric is dedicated to arc flash protection at humid working environments. With a variety of properties, such as flame resistance, arc precaution, anti-static, wind and rain proof.

### BENEFITS OF WLTECH FABRIC WHY LIFE SAFE RS?

- Coating fabric with moisture management and inherent flame resistance providing multiple protection for workers to remain focused and safe when extreme, or changing weather strikes.
- Excellent color fastness and strength, no disruption of appearance and protection properties after multiple laundering.
- Excellent moisture absorption ability and water permeability resistance. Even retain relaxation and comfortability in humid conditions.

Fabric has excellent waterproof performance, water penetration resistance reach class 4 and and water vapour resistance reach class 3.FR properties and arc flash protective properties will never disappear.

### INHERENT FR FABRIC - RAIN PROOF

RS-300DAT	250 GSM ±5%	
RS-355PU	355 GSM ±5%	HRC 2

### MEETS THE FOLLOWING PERFORMANCE STANDARDS:



Aluminized fabric for high temperature environment with the aim of protection and withstanding for extreme radiant heat, contact heat, flames and molten metal splash, abates and even averts skin burns.

### BENEFITS OF WLTECH FABRIC WHY LIFE SAFE HS?

- Composed of inherently flame-resistant base fabric and aluminized foil is vital for featuring durable flame resistant, high temperature resistance and anti-molten metal splash.
- Advanced aluminization technique attributes excellent reflectivity to reflect the radiant heat which defer heat absorption and slow down body temperature soaring.
- Given high strength, durability, flexibility and no delamination at all even passing through extensive and rigorous flexing. Provide a soft and lightweight wearing.

Fabric come in different components, weights and protect level, but purpose of protection remains the same, providing inherent FR,anti molten metal splash and radiant heat up to 1000°C.

### INHERENT FR FABRIC - ALUMINIZED

HS-350PY2Y	350 GSM ±5%	A1/B1/C2/D3/E3/F1
HS-480PIP4Y	480 GSM ±5%	A1/B1/C3/D3/E3/F2

### MEETS THE FOLLOWING PERFORMANCE STANDARDS:

