

Technical Textiles

PROTECT® ARAMID III-A KNITTED FABRIC

Product Description

Protect® aramid III-A is a registered brand of Technical Textiles®. Garments made by Protect® aramid III-A knitted fabric, provide inherently heat and flame resistance along with excellent durability --- wash after wash and do not lose their properties during the life of the garment.

Features

- High protection from heat and flame.
- Permanent flame resistance.
- Self-extinguishing, does not melt or drip.
- Low heat conductivity.
- High tenacity, low weight.
- Low abrasion and high strength.
- Excellent chemical resistance.
- Anti-static.



Material

Protect® aramid III-A knitted fabric (93% Meta aramid, 5% Para aramid, 2% Anti-static fiber)

Fabric Width

30" ± 1

Fabric knitting

Interlock, Single Jersey, Honeycomb, Rib Stop, Terry, Fleece, Double Pique

Fabric weight

160 gsm to 500 gsm

Color

Natural, Sage green, R.Blue, Navy blue, Yellow, Red, Orange, Black, D.Tan,

Applications

- Personal protective clothes.
- Oil/Gas work uniform.
- Racing wear.
- Firefighter suits.
- Tank suits.
- Flying suits.
- Lab Jackets.
- Electric Arc garments.

For metal industry, petrochemical industry, armed forces, police force, fire force, fire brigades, and utility worker. To offer the extra protection against the multiple risks of fire, heat, chemical & electric charges.

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Certified

EN ISO 11612 : 2008

Included following tests

Heat resistance	ISO 17493 (180°C)
Flame spread – Face (A1)	ISO 15025: 2000 (A)
Flame spread – Edge (A2)	ISO 15025: 2000 (B)
Dimensional change	ISO 5077: 2007
Tensile strength (woven fabrics)	ISO 13934-1: 1999
Tear strength (woven fabrics)	ISO 13937-2: 2000
PH – value	ISO 3071: 2005
Convective heat (B)	ISO 9151: 1995
Radiant heat (C)	ISO 6942 (20kW/m ²)

Benefits

Protection against heat and flame, electric arc & static electricity.

Care

- Wash garments of Protect® III-A separately from other fabrics/garments.
- Machine wash. Hot water (60 C)
- Tumble dry low (160 F/71 C)
- Do not use chlorine beach nor detergents containing chlorine bleach.
- Press with an adapted low pressure, or for a short period of time dehydration.
- Use proper washing water which is free from dyes/iron/manganese.
- At the end of washing program, rinse out to achieve a pH-value of 5.5 to 6.
- When using commercial laundry aids, be sure to read and carefully follow the manufacturer's instructions.
- Do not line dry in sunlight.



Made in Pakistan
By Technical Textiles®

TT/SB/ rev 01