

PETROCHEMICAL



CERTIFICATION:

ISO 11611



ISO 11612



ISO 1149



PASS
(Class 1 and 2)

PASS (A1, A2,
B1, C1, E3, F1)

PASS (BS EN
1149-3 meth. 2)

* tested at 70°C, domestic wash.

Colombo is a middleweight 350 gsm protective fabric made of 100% long-staple cotton with flame retardant finishing. The fabric includes Belltron carbon antistatic yarn in a grid pattern. Original twill 2/2 weave.

ASTM F1959 (Electric Arc Rating): **HRC 2**

ATPV = 9.2 cal/cm², HAF = 81%

CARE INSTRUCTIONS:



KEEP IN COOL DRY PLACE, WITH NO DIRECT SUNLIGHT

Colombo flame retardant protective fabric is best used in such industries as Automotive, Petrochemical, Power energetics. Made of natural fibers it is soft and comfort to wear and at the same time Colombo protects from risks of Flash fire, Electric Arc and ESD sparks. It is very durable and has unique balance of high tear resistance in both warp and weft directions. This endurance provided by trendy and tough weave twill 2/2. Carbon antistatic yarn gridlocked in the surface of Colombo makes it absolutely safe for use in explosive atmospheres. To prevent Electrostatic Discharge (ESD) sparks, antistatic fibers safely discharge static electricity eliminating the risk of fire and explosion.

SPECIFICATION:

ARTICLE	COMPOSITION	ANTISTATIC	WEIGHT	WEAVE	FULL WIDTH	FINISHES
COLOMBO AS	99% COTTON 1% ANTISTATIC THREADS	CARBON THREADS	350 GSM / 10,3 OZ	TWILL 2 /2	151 CM (±1 CM)/ 60"	FLAME RETARDANT

PHYSICAL PARAMETERS :

	YARN TYPE	TEARING STRENGTH (ISO 13937-2)	TENSILE STRENGTH (ISO 13934-1)	SHRINKAGE (ISO 6530-2000)
WARP	RING SPUN	37 N	> 1600 N	±3%
WEFT	RING SPUN	26 N	> 860 N	±3%

COLOUR FASTNESS TO:

WASHING 60°C (ISO 105 C06)		RUBBING (ISO 105 X12)		DRY CLEANING (ISO 105 D01)	PERSPIRATION (ISO 105 E04)	LIGHT (ISO 105 B02)
COLOUR CHANGE	COLOUR STAINING	DRY	WET	-	-	-
4-5	4-5	4	4	4-5	4-5	4

STANDARD COLOURS:

RED #128-06	ORANGE #128-07	ROYAL BLUE #128-04	HI-VIZ YELLOW #128-08	GREY #128-02
DARK NAVY #124-01	KHAKI #182-04	GREEN #128-03	YELLOW #128-11	BLACK #128-01