FIRE RESISTANT

BUFF SAFETY

IDEAL FOR

· Workers from petrochemical and oil & gas industries, or Police and Military professionals who require proteccion from contact heat, flames, thermal hazards and other potentially explosive substances.
· Made with with fire resistant and antistatic Nomex® fabric, that offers a high level of certified protection against fire.
· Ultra stretch fabric for greater comfort and versatility.

CERTIFICATIONS

CE CAT II
EN ISO 13688/13

EN ISO 11612/15

A1,, B1, C1, X, X, F1

PROTECTION AGAINST HEAT AND FLAME				
EN ISO 11612:2015, Protective Clothing, Clothing to protect against heat and flame				
	Limited Flame Spread	Convective Heat	Radiant Heat	Contact Heat
Performance Levels	A1	B1	C1	F1

EN 1149-5/18

PROTECTION AGAINST STATIC ELECTRICITY	
EN 1149-5:2018, Protective clothing - Electrostatic properties	
Performance Levels	Pass

KEY FEATURES

ANTISTATIC · QUICK DRY · MOISTURE MANAGEMENT · SEAMLESS · MULTIFUNCTIONAL · 4-WAY ULTRA STRETCH

DIMENSIONS

FABRICS COMPOSITION

87% M-Aramid Nomex®.
5% P-Aramid Kevlar®.
4% Elastane.
4% Carbon Fiber P-140.

DUPONT Nomex

PACKAGING

WASHING MAINTENANCE SYMBOLS

FABRIC TEST:

Mass per unit area: EN 12127:1997	245 g/m^2	± 5 %
Air Permeability EN ISO 9237:1995	130,66 mm/s	± 10 %
Thermal Resistance (RCT): EN ISO 11092:2014	0,0335 m^{2}K/W	± 10 %
Water Vapour Resistance (RET): EN ISO 11092:2014	3,83 m^{2}Pa/W	± 10 %
Bursting resistance (after 5 washes): EN ISO 13938-1:2019	233,18 kPa	± 10 %

Determination of dimensional change in domestic washing and drying:

EN ISO 5077:2008 — LENGTHWISE < -10% — CROSSWISE < ±3%

Washing procedure 4N (Ta=40 ±3ºC) according to ISO 6330:2012

Resistance to pilling: ISO 12945-2:2000	4	2000 CYCLES

Scale from 1 to 5 in which 1 is “Very severe pilling” and 5 is “No pilling”.

Determination of the abrasion resistance of fabrics: EN ISO 12947-2:2016 Testing pressure: 9 kPa	>100000 CYCLES Until the first yarn broken	

Fastness rates:

Colour fastness to domestic and commercial laundering: EN ISO 105-C06:2010	4 - 5 *	
Colour fastness to perspiration (Alkaline & Acid): EN ISO 105-E04:2013	ALKALINE	4 - 5 *
	ACID	4 - 5 *
Colour fastness to rubbing (Dry & Wet): EN ISO 105-X12:2016	DRY	4 - 5 *
	WET	4 - 5 *
Colour fastness to sea water: EN ISO 105-E02:2013	4 - 5 *	
Colour fastness to artificial light: EN ISO 105-B02:2014 Método 2	4 - 5 **	

* Fastness rates in a scale from 1 to 5 in which 1 is “Poor behaviour” and 5 is “Good behaviour”.

** Fastness to artifical light rates in a scale from 1 to 8 in which 1 is “Very poor” and 8 is “Excellent”