

FIREFIGHTER PARTICULATE COREX



IDEAL FOR

- Structural firefighters.
- High-level protection from thermal risk such as flashover, contact and radiant heat.
- It acts as a barrier for carcinogenic and harmful particles.
- Superior protection and comfort thanks to 2 layers of lightweight, breathable fabric blending of DuPont™ Aramid fibers, Viscose FR®, Polyamide and Elastane plus an intermediate laminated layer of 100% PU membrane all over the hood.
- With HeiQ Smart Temp cooling technology for a better comfort and reduction of heat exhaustion fatigue and heat stroke risks.

CERTIFICATIONS



EN 13911:2017



EN 1149-5:2018



PROTECTION AGAINST FIRE FOR FIREFIGHTERS				
EN ISO 13911:2017, Protective clothing for firefighters				
	Flame Spread	Heat transfer (Flame)	Heat Transfer (Radiation)	Heat Resistance
Performance Levels	Pass	HTI24 = 13 s HTI24-12 = 3 s	RHTI24 = 21,7 s RHTI24-12 = 8,0 s	Pass

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

EFFICIENCY OF THE BARRIER FLAT LAYER MEDIUM		
NFPA 1970-2025 Section 9.4.4.5.1 Air permeability		
Washing cycles	Without washing cycles	With 50 washing cycles
Mean Flow Rate (cm³/s)	0.0	0.0
Mean Air Permeability (cm³/s)/cm²	0.0	0.0

- Per NFPA 1970-2025 Section 9.4.4.5.1.1, the particle blocking test is not required because the air permeability of all 6 samples tested was less than 0.28 cm³ /s/cm
- Per NFPA 1970-2025 Section 9.4.4.6.2: PARTICULATE BLOCKING TEST WAIVED BECAUSE AIR PERMEABILITY WAS MEASURED AS BEING BELOW THE DETECTION LIMIT OF ASTM D737 AND IS PRESUMED TO HAVE A PARTICLE BLOCKING EFFICIENCY OF 99% OR GREATER FOR EACH PARTICLE SIZE FROM 0.1µm TO 1.0µm.

This firehood is compatible with the following breathing masks and helmet:

- MASK with ref. FPS 7000, manufactured by Dräger Safety AG & Co.KG&A, Lübeck.
- MASK with ref. SARI ref. 5511680, manufactured by Scott Health & Safety Ltd, United Kingdom.

KEY FEATURES



FIRE RESISTANT



ANTISTATIC



RESPIRATORY MASK COMPATIBLE



COOLING EFFECT



COMFORT FIT FACE OPENING



HELMET COMPATIBLE



HEIQ SMART TEMP



PARTICLE BARRIER



MOISTURE WICKING FABRIC

The entire hood fabric is fully laminated with particle-blocking membrane.

DIMENSIONS



FABRICS COMPOSITION

- Inner and outer fabric: 56% Meta-Aramide Nomex®, 31% FR Viscose, 6% Polyamide, 3% Para-Aramide Kevlar®, 2% Antistatic Carbon Fiber, 2% Elastane.
- Membrane: 100% PU

Nomex

PACKAGING



WASHING MAINTENANCE SYMBOLS



Max. x50

FIREFIGHTER PARTICULATE HOOD (LAMINATED FABRIC)

Mass per unit area: EN 12127:1997	450 g/m ²	± 5 %
Air Permeability EN ISO 9237:1995	2,31 mm/s	± 10 %
Thermal Resistance (RCT): EN ISO 11092:2014	0,0605 m ² K/W	± 10 %
Water Vapour Resistance (RET): EN ISO 11092:2014	30,55 m ² Pa/W	± 10 %
Bursting resistance (after 5 washes): EN ISO 13938-1:1999	610 kPa	± 10 %
Determination of dimensional change in domestic washing and drying:		
EN ISO 5077:2008	LENGTHWISE ≤ ±2%	CROSSWISE ≤ ±2%
Washing procedure 6N (Ta=60 ±3°C) according to ISO 6330:2012		
Resistance to pilling: ISO 12945-2:2020	4 - 5	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 *
	ACID	4 *
Colour fastness to rubbing (Dry & Wet): EN ISO 105-X12:2016	DRY	4 - 5 *
	WET	3 - 4 *
Colour fastness to sea water: EN ISO 105-E02:2013	4 - 5 *	
Colour fastness to artificial light: EN ISO 105-B02:2014 Método 2	7**	
* 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”		