

PROTECTIVE WEAR FABRICS



QUALITY THAT WORKS

MADE IN KLOPMAN. MADE TO PROTECT.

Since 1967 Klopman has been committed to protecting the wearer.

Protectivewear fabrics are specially designed for use in functional PPE garments to protect the worker's body from injuries during occupational activities. Multi-functional fabrics provide an excellent solution for various end uses ensuring protection against heat and flame, electrostatic discharge, chemical splashes, welding, electric arc and poor visibility. Fabrics are available in a wide range of fibre blends including aramid, modacrylic, viscose FR, cotton and polyester and also as laminates for foul weather protection or as softshells to provide insulation.

The fabrics offer an ideal combination of protection, comfort and performance to meet stringent industry standards and regulations for adequate protection.

Experience at your service!



BENEFITS FOR THE GARMENT MAKER

Multi-risk protection

Fabrics that guarantee the maximum level of protection and safety for people at risk.

Fabric consistency & continuity

Consistent physical and technical performance together with excellent colour continuity shipment after shipment.

Quality control

3,800 process controls continuously monitored using advanced manufacturing technology.

Customer service

A customer-focused approach because customer satisfaction is our priority.

Finishes & customized solutions

A wide choice of finishes offer the possibility for bespoke solutions. These include lamination, crease resist, skin friendly, water repellent, anti microbial and more.

BENEFITS FOR THE WEARER

Compliant to international standards

Klopman fabrics are certified to international and European norms offering accredited protection across a wide range of PPE products: flame retardant, anti-static, high visibility, barrier and chemical splash, water, oil and soil protection.

Comfort

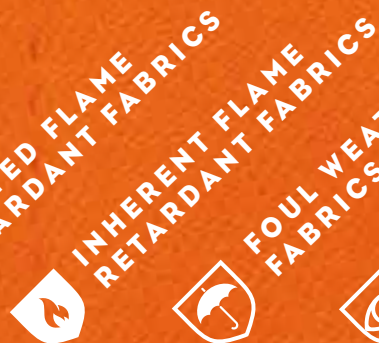
A balance between comfort and protection respecting the standards and the wearer. Certified by Oeko-Tex, Klopman fabrics offer the consumer the perfect skin friendly choice.

Durability

Fibre selection, blend, construction and process control ensure Klopman fabrics are designed to last.

Easy care

Designed to meet industrial wash requirements Klopman fabrics offer an easy care and lasting solution. Garments made from Klopman fabrics will maintain a smart appearance after repeated washing.



















ANTISTATIC FABRICS



Optimum static control

The range of antistatic fabrics are specifically developed to provide optimum static control against incendiary spark, electronic equipment damage, attraction of surface particles and to promote electric field shielding all in accordance with EN 1149-1, EN 1149-3 ANSI/ESD STM 2.1 and IEC 61340-4-9 standards and all certified for skin friendliness by Oeko-Tex.

	WEIGHT	BLEND	CERTIFICATION
Concept ESD For Electrostatic Discharge	150 g/m ²	67,5% PES 31% Co 1,5% anti-static carbon	 
Superbandmaster ESD For Electrostatic Discharge	210 g/m ²	66,5% PES 32% Co 1,5% anti-static carbon	 
Indestructible ESD For Electrostatic Discharge	245 g/m ²	66,5% PES 32% Co 1,5% anti-static carbon	 
Telestat Plus For Electrostatic Discharge	175 g/m ²	68% PES 31% Co 1% anti-static carbon	 
Superbandmaster Nega-Stat	205 g/m ²	65% PES 34% Co 1% anti-static carbon	
Indestructible Nega-Stat	240 g/m ²	65% PES 34% Co 1% anti-static carbon	  *
Coverstat 160	160 g/m ²	59% Co 40% PES 1% anti-static carbon	
Coverstat 210	210 g/m ²	75% Co 24% PES 1% anti-static carbon	
Coverstat 250	250 g/m ²	75% Co 24% PES 1% anti-static carbon	
Coverstat 300	300 g/m ²	75% Co 24% PES 1% anti-static carbon	
			* optional
Vektron 3005	115 g/m ²	100% PES with anti-static grid 0,5 mm	

BARRIER FABRICS































MULTIFUNCTIONAL FABRICS

Multi-risk protection

The range of Klopman multifunctional fabrics are the answer to multiple levels of EN-accredited protection solutions based on a wide range of Personal Protective Equipment fabrics: flame retardant, anti-static, high visibility, barrier and chemical splash, water, oil and soil protection. Available in different weights, they are exceptionally comfortable and durable.

	WEIGHT	BLEND	CERTIFICATION
Megatec-K Kermel® flame retardant antistatic	150 g/m2	68% cotton 30% Kermel® 2% anti-static material	 
Megatec 250N Flame retardant, antistatic, Hydrofoil chemical repellent finish	245 g/m2	75% cotton 24% polyester 1% anti-static material	     
Megatec 300N Flame retardant, antistatic, Hydrofoil chemical repellent finish	300 g/m2	75% cotton 24% polyester 1% anti-static material	     
Megatec Plus Flame retardant, antistatic, Hydrofoil chemical repellent finish	310 g/m2	75% cotton 24% polyester 1% anti-static material	     
Megatec 360N Flame retardant, antistatic, Hydrofoil chemical repellent finish	350 g/m2	75% cotton 24% polyester 1% anti-static material	     



FLAME RETARDANT FABRICS

FR lifetime warranty

Klopman's advanced performance Flame retardant treated fabrics are compliant to a wide range of standards: for protection against heat and flame, for use in welding, for protection against electric arc, plus they are all certified for skin friendliness by Oeko-Tex. Klopman treated flame retardant fabrics are also available in high visibility yellow to meet EN ISO 20471.

	WEIGHT	BLEND	CERTIFICATION
Saturn FR Flame retardant	225 g/m2	100% cotton	
Jupiter FR Flame retardant	240 g/m2	100% cotton	  
Bravo FR Flame retardant	250 g/m2	75% cotton 25% polyester	   
Arena FR Flame retardant	300 g/m2	75% cotton 25% polyester	  
Scala FR Flame retardant	320 g/m2	75% cotton 25% polyester	   
Meteor FR Flame retardant	335 g/m2	100% cotton	  
Gemini FR Flame retardant	340 g/m2	100% cotton	  
Challenger 5000 FR Flame retardant	360 g/m2	75% cotton 25% polyester	  
Mars FR Flame retardant	410 g/m2	100% cotton	  
Caesar FR Flame retardant	470 g/m2	100% cotton	  











INHERENT FLAME RETARDANT FABRICS

INHERENT FR FABRICS

Inherently safe

Our inherent FR fabrics offer durability and consistency: K-Flame Pro, based on modacrylic, and K-Flame Xtra, based on aramid, guarantee incomparable protection levels from heat and flame, electric arc and static control.

 inherently safe by KLOPMAN	Oeko-Tex® certified 04.0.4929		
	WEIGHT	BLEND	CERTIFICATION
K-Flame Pro 175 Inherent flame retardant	175 g/m ²	48,5% MAC 34% Co 17% PA 0,5% CF	
K-Flame Pro 265 Inherent flame retardant	265 g/m ²	48,5% MAC 34% Co 17% PA 0,5% CF	
K-Flame Pro 320 Inherent flame retardant	320 g/m ²	47% MAC 32% Co 20,5% PA 0,5% CF	
K-Flame Pro 320 roughened back Inherent flame retardant	320 g/m ²	47% MAC 32% Co 20,5% PA 0,5% CF	
K-Flame Xtra 165 Inherent flame retardant	165 g/m ²	45% AR 45% CV fr 9% PA 1% CF	
K-Flame Xtra 180 Inherent flame retardant	180 g/m ²	45% AR 45% CV fr 9% PA 1% CF	
K-Flame Xtra 245 Inherent flame retardant	245 g/m ²	35% AR 30% MAC 25% Co 9% PA 1% CF	





* optional ° expected PASS



FOUL WEATHER FABRICS

Laminated solutions

Designed to be suitable for industrial washing, Klopman laminated fabrics have waterproof, windproof and breathable properties. Thanks to a high performance membrane they provide protection against foul weather conditions, fulfilling the norm EN 343 Class 3/3, the highest class in water tightness and water vapour resistance.

	Oeko-Tex® certified 16.HIT.89108		
	WEIGHT	BLEND	CERTIFICATION
Detroit 2L 2 layer laminate	170 g/m ²	73% PES 27% PU Membrane 100% PU	
K-Flame Pro 175 2L 2 layer laminate flame retardant	205 g/m ²	48,5% MAC 34% Co 17% PA 0,5% CF Membrane 100% PU	
K-Flame Xtra 245 2L 2 layer laminate flame retardant	280 g/m ²	35% AR 30% MAC 25% Co 9% PA 1% CF Membrane 100% PU	
K-Flame Xtra 245 Softshell 3 layer laminate softshell flame retardant	515 g/m ²	35% AR 30% MAC 25% Co 9% PA 1% CF Membrane 100% PU Fleece 50% MAC 34% Co 16% PES	



HIGH VISIBILITY FABRICS

Superior luminosity

Klopman's Luminex range of fabrics provides the highest standards of performance for high visibility clothing. They allow protection to workers operating in low-light and/or potentially hazardous conditions, thanks to the superior luminosity and brightness of the colours. They are compliant to EN ISO 20471.

	WEIGHT	BLEND	CERTIFICATION
Luminex C-Lyte High Visibility	180 g/m ²	50% Co 50% PES	
Luminex C2 High Visibility	230 g/m ²	60% Co 40% PES	
Polaris Water repellent	235 g/m ²	80% PES 20% Co	
Indestructible H.V.Y. Hydrofoil	245 g/m ²	65% PES 35% Co	
Luminex C-Stat Hydrofoil	265 g/m ²	50% Co 49,5% PES 0,5% antistatic material	
Luminex C50 Duraclean/ CRF	270 g/m ²	50% Co 50% PES	
Luminex 270 Hydrofoil / CRF	270 g/m ²	85% PES 15% Co	
Luminex 10CL Hydrofoil / CRF	270 g/m ²	50% Lyocell 50% PES	
Luminex 310 Hydrofoil / CRF	310 g/m ²	85% PES 15% Co	
Lagonda High Visibility	205 g/m ²	30% PES 40% Co 30% EME (LYCRA® T400®)	
Escalade High Visibility	295 g/m ²	16% PES 46% Co 38% EME (LYCRA® T400®)	





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