



PANTALÓN MULTIBOLSILLOS IGNÍFUGO ANTIESTÁTICO

PFPAN0058AV



Características

- Pantalón ignífugo y antiestático.
- Cierre de cremallera y botón.
- Bolsillos franceses en los costados.
- Bolsillos laterales de parche y tapeta.
- Bolsillos de parche en la parte trasera con tapeta.
- Cintura elástica con trabillas.
- Costuras reforzadas.
- Bandas ignífugas reflectantes de alta visibilidad.

Composición



80% Algodón, 19% Poliister, 1% AS.
245gr/m².



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245gr/m².

Certificado	Nº	Nº	Nº
	2020CN0229	23EP0209	23EP2895
	Nº 20CN0304	Nº	Nº
	Nº 22EP7902	24EP0415	24EP1843

Tallas	Nº
	22EP7274

S	M	L	XL	2XL	3XL
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CARACTERÍSTICAS TÉCNICAS



Fabric name	Poseidon-245
Fabric weight	245 ± 10 gsm
Composition	80% Cotton, 19% Polyester, 1% AS
Full width	152 ± 2 cm
Weave	Twill 2/2
Finishes	Flame Retardant, MR (Multi-Risk)
Application	FR jackets, trousers and coveralls
Washing instruction	c r n k t

FR & SPECIAL

Flame retardant	EN ISO 11612 (A1, A2, B1,C1,E3, F1)	5×60°C ISO 6330
	EN ISO 11611 (Class 1)	5×60°C ISO 6330
	EN 11612 (A1, A2)	100×75°C ISO 15797
	EN ISO 14116	5×60°C ISO 6330
	EN 11612 D2	5×60°C ISO 6330
Electric arc	EN 61482-2	5×60°C ISO 6330
Arc rating	EN 61482-1-1	5×60°C ISO 6330
Antistatic	EN 1149-5 (1149-3 method 2)	5×60°C ISO 6330
Multi-Risk	EN 13034	5×60°C ISO 6330
Hi-Vis	EN 20471	5×60°C ISO 6330

PHYSICAL

PROPERTIES		warp	weft
Tensile strength, N	BS EN ISO 13934-1:1999	1260	540
Tear strength, N	BS EN ISO 13937-2:2000	25	20
Dimensional Stability To Washing, max	ISO 5077	3%	
Abrasion Resistance	ISO 12947-2:1999	25, 000 rubs	
Pilling Resistance	ISO 12945-2:2001	4	

COLOUR

FASTNESS			Light	Mid	Dark	Special
			Orange, Yellow, Red	Green, Grey, Royal Box	Dark Navy, Navy, Royal Blue	Black
Wash Fastness Method E2S (95°C)	ISO 105-C06	Colour Change	45	45	45	45
		Stain on Polyester	34	4	23	23
		Stain on Cotton	4	45	4	34
Rub Fastness	ISO 105-X12	Wet	34	34	23	23
		Dry	45	45	3	34
Light Fastness	ISO 105-B02		3	34	34	4

CARACTERÍSTICAS TÉCNICAS



EN ISO 15384:2020/A1:2021. Protective clothing for firefighters - Laboratory test methods and performance requirements for wildland firefighting clothing.

CLAUSE	TEST	RESULTS	REQUIREMENTS	REPORT No.
6.1.2	Limited flame spread as received and after 50 washing cycles (Procedure B)	PASS	No specimen must ignite toward the top or toward the edges. No specimen shall give flaming or molten debris. The afterflame time is ≤ 2 s. The afterglow time is ≤ 2 s. Char length shall be ≤ 100 mm in accordance with of ISO 15025:2016, Annex C.	2022EP7944
6.3	Heat resistance 260°C after 50 washing cycles	PASS	No shall melt, No shall drip, No shall ignite and No shall shrink $> 10\%$	2022EP7945
6.3.2	Photometric performance requirements for retroreflective material after 50 washing cycles and heat resistance 180°C	PASS	According EN ISO 20471:2013/A1:2016 point 6.2.2 ≥ 100 (cd/m ² ·lx)	2022EP7945
9.2	Determination of chromaticity coordinates after 50 washing cycles and heat resistance 180°C	PASS	According EN ISO 20471:2013/A1:2016 point 5.1	2022EP7945

ISO 15384:2018. Protective clothing for firefighters -- Laboratory test methods and performance requirements for wildland firefighting clothing

CLAUSE	TEST	RESULTS	REQUIREMENTS	REPORT No.
6.1.2	Limited flame spread after 50 washing cycles (Procedure A) ⁽²⁾	A1	No specimen must ignite toward the top or toward the edges. No specimen shall give hole formation of 5 mm or greater in any direction. No specimen shall give flaming or molten debris. The afterflame time is ≤ 2 s. The afterglow time is ≤ 2 s.	2021EP2506

EN 469:2020. Protective clothing for firefighters. Performance requirements for protective clothing for firefighting activities.

CLAUSE	TEST	RESULTS	REQUIREMENTS	REPORT No.
6.2.1.1	Limited flame spread after 50 washing cycles (Procedure A) ⁽²⁾	Index 3	The material shall achieve level 3 of EN ISO 14116:2015 when it is tested after washing and drying pre-treatment	2021EP2506
6.2.1.6	Heat resistance (180°C)	PASS	No layer can ignite, melt or shrinks more than 5 %	2021EP2506
6.2.6.4	Photometric performance requirements for retroreflective material after heat resistance 180°C	PASS	According EN ISO 20471:2013/A1:2016 ≥ 100 (cd/m ² ·lx)	2021EP2506

Remark: Washing instructions according to Standard EN ISO 6330:2012, method 6N and F drying (type A1 drum dryer).

Remark⁽²⁾: Washing instructions according to Standard EN ISO 6330:2012, method 6N and F drying (tumble dry).

EN ISO 20471:2013/A1:2016. High visibility clothing. Test methods and requirements

CLAUSE	TEST	RESULTS	REQUIREMENTS	REPORT No.																									
5.1	Determination of chromaticity coordinates as received	x = 0,6220 y = 0,3370 $\beta_{\text{m}} = 0,3800$	x:0,6550 y:0,3450 x:0,5700 y:0,3400 x:0,5950 y:0,3150 x:0,6900 y:0,3100 $\beta_{\text{m}} = 0,2500$	2022EP7945																									
	Determination of chromaticity coordinates after 50 washing cycles	x = 0,5970 y = 0,3370 $\beta_{\text{m}} = 0,3800$																											
6.1	Retroreflective performance of new material	PASS	<table border="1"> <tr> <th></th><th>5°</th><th>20°</th><th>30°</th><th>40°</th></tr> <tr> <td>12'</td><td>330</td><td>290</td><td>180</td><td>65</td></tr> <tr> <td>20'</td><td>250</td><td>200</td><td>170</td><td>60</td></tr> <tr> <td>1°</td><td>25</td><td>15</td><td>12</td><td>10</td></tr> <tr> <td>1°30'</td><td>10</td><td>7</td><td>5</td><td>4</td></tr> </table>		5°	20°	30°	40°	12'	330	290	180	65	20'	250	200	170	60	1°	25	15	12	10	1°30'	10	7	5	4	2021EP2506
	5°	20°	30°	40°																									
12'	330	290	180	65																									
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1°	25	15	12	10																									
1°30'	10	7	5	4																									
7.4.1	Retroreflective performance after abrasion	PASS	12'/5° ≥ 100 (cd/m ² ·lx)	2021EP2506																									
7.4.2	Retroreflective performance after flexing	PASS	12'/5° ≥ 100 (cd/m ² ·lx)	2021EP2506																									
7.4.3	Retroreflective performance after folding at cold temperatures	PASS	12'/5° ≥ 100 (cd/m ² ·lx)	2021EP2506																									
7.4.4	Retroreflective performance after temperature variation	PASS	12'/5° ≥ 100 (cd/m ² ·lx)	2021EP2506																									
7.4.5	Retroreflective performance after rainfall	PASS	12'/5° ≥ 100 (cd/m ² ·lx)	2021EP2506																									
7.5.2	Retroreflective performance after 50 cycles washing ⁽²⁾	PASS	12'/5° ≥ 100 (cd/m ² ·lx)	2021EP2506																									

EN 1149-5:2018. Protective clothing. Electrostatic properties. Part 5 Material performance and design requirements.

CLAUSE	TEST	RESULTS	REQUIREMENTS	REPORT No.
EN 1149-3:2004	Charge Decay test (Method 2) after 50 washing cycles	S = 0,32 $t_{50} < 0,01$ s	S $> 0,2$ or $t_{50} < 4$ s	2022EP7945

Remark: Washing instructions according to Standard EN ISO 6330:2012, method 6N and F drying (type A1 drum dryer).

Remark⁽²⁾: Washing instructions according to Standard EN ISO 6330:2012, method 6N and F drying (tumble dry).