

EN469 Artículo de traje de lucha contra el fuego No.: ZFMH-JX D(DRD)

Certificaciones / Estándar: EN469, CCC, G10-2014

1. Especificación

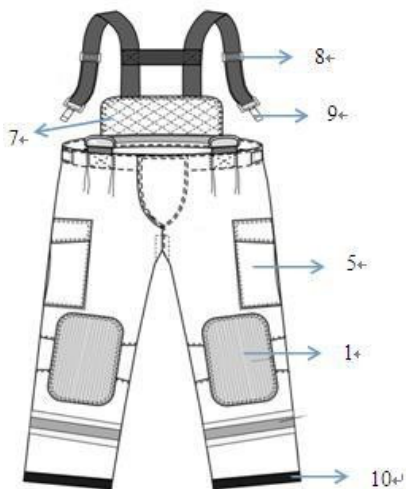
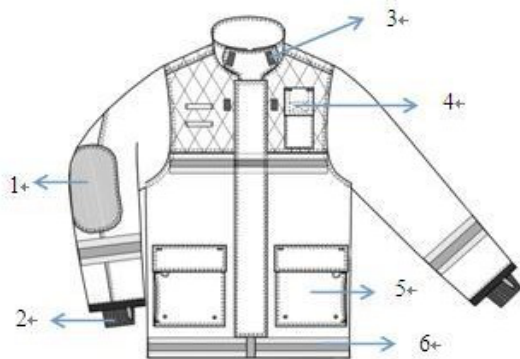
Part No.: ZFMH-JX D(DRD)



Capa exterior: Ibeno nuevo tipo # 1, Nomex IIIA,
 93% Nomex, 5% Kevlar, 2% conductive fiber (205±10.25) g/m²
 Capa de barrera de humedad: DENTIK, DYZ14-1
 Aramid nonwoven fabric + PTFE (108 ± 5.4) g / m²;
 Capa de barrera térmica: estera de aislamiento retardante de aramida Ibeno
 T-70 80 mex 20%Kevlar Insulation mat (75±3.75) g/m²
 Cómoda capa: fibra de aramida Ibeno TV120
 50%Nomex/50%Lenzing FR (120±6) g/m²
 Franja reflectante 3M
 Tela resistente a la abrasión y a la llama reforzada con puños y rodillas
 (360 ± 36) g / m²

2. Composición de estructura

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Las capas de este traje de bombero consiste en una capa exterior, una barrera de humedad, una barrera térmica y una capa cómoda. Debe ser de dos piezas, incluida la chaqueta y los pantalones, el tipo de tabla de chaqueta suelta, la estructura de la correa de la cintura desmontable de los pantalones

- 1、 Tejido reforzado con puños y rodillas
- 2、 Brazaletes de punto elástico
- 3、 Cuello Reforzado
- 4、 Bolsillo del pecho
- 5、 Bolsillo de carga
- 6、 Cinta reflectante
- 7、 Protector de cintura
- 8、 Botón ajustable del tirante
- 9、 Sujeción de gancho en tirante
- 10、 Refuerzo de cuero en basta de pantalón



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3. Parámetro técnico

Part No.:

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No.	Item			Estándar	Resultado		
1	Outer Layer	Flame Retardant Property	Warp-Wise	After flame time(s)	≤ 2	0	
				Damaged length(mm)	≤ 100	5	
				Experimental phenomena	No melting,no dripping	pass	
			Weft-Wise	After flame time(s)	≤ 2	0	
				Damaged length(mm)	≤ 100	4	
				Experimental phenomena	No melting,no dripping	pass	
		Cutting force	Warp-Wise (N)		≥ 650	1173	
			Weft-Wise (N)		≥ 650	1003	
		Tensile strength	Warp-Wise (N)		≥ 100	277.5	
			Weft-Wise (N)		≥ 100	240.8	
		Moisture resistance (degree)				≥ 3	3
		Thermal stability	Shrinkage rate (%)		≤ 10	1.0	
			Experimental phenomena		No significant change on surface	pass	
		Weight of unit area (g/m^2)				205 ± 10	206
Colour fastness	Wash anti-stain		≥ 3	4-5			
	Water friction resistance		≥ 3	4-5			
2	Moisture Barrier layer	Hydrostatic pressure		≥ 50	> 50		
		Oil resistance		≥ 3	4		
		Breathable capacity (g/m^2 , 24h)		≥ 5000	6099		
		Thermal stability	Shrinkage rate (%)		≤ 10	2.0	
Experimental phenomena			No significant change on surface	pass			
3	Thermal barrier layer	Flame Retardant Property	Warp-Wise	After flame time(s)	≤ 2	0	
				Damaged length(mm)	≤ 100	48	
				Experimental phenomena	No melting,no dripping	pass	
		Weft-Wise	After flame time(s)	≤ 2	0		
			Damaged length(mm)	≤ 100	41		
			Experimental phenomena	No melting,no dripping	pass		
Thermal stability	Shrinkage rate (%)		≤ 10	1.0			
	Experimental phenomena		No significant change on surface	pass			
4	Comfortable layer	Flame Retardant Property	Warp-Wise	After flame time(s)	≤ 2	0	
				Damaged length(mm)	≤ 100	39	
				Experimental phenomena	No melting,no dripping	pass	
		Weft-Wise	After flame time(s)	≤ 2	0		
			Damaged length(mm)	≤ 100	35		
			Experimental phenomena	No melting,no dripping	pass		
Thermal stability	Shrinkage rate (%)		≤ 10	1.0			
	Experimental phenomena		No significant change on surface	pass			
5	Overall thermal protection performance TPP (cal/cm^2)			≥ 28	34		



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6	Seam Tensile strength		Warp-Wise (N)	≥650	917.8
			Weft-Wise (N)	≥650	848.9
7	Reflective stripe	Flame Retardant Property	After flame time(s)	≤2	0
			Experimental phenomena	No melting,no dripping	pass
		Performance of washing-resistant		no rupture,wrinkling,distortion phenomenon after test	pass
		High and low temperature performance		no rupture,wrinkling,distortion phenomenon after test	pass
8	Sewing thread	Flame Retardant Property	Experimental phenomena	No melting,no dripping	pass
9	Metal parts	Flame Retardant Property	Experimental phenomena	No melting,no dripping	pass
10	Drag Rescue Device (DRD)	unfolding time (s)		≤10	6
		Drag distance (m)		≥2.5	>2.5
		Tensile strength	Warp-Wise (N)	≥7000	8373
			Weft-Wise (N)	≥7000	8373
11	Stitch denisty		top/blind stitch	12 stitching/3cm	13 stitching/3cm
12	Weight (kg)			≤3.5	2.88