



210 gr/m², 93% m-Aramid
5% p-Aramid 2% Carbon,
Inherent Flame Retardant,
Antistatic, 2/1S Twill Fabric



Sample



**Aramid D1 210 - 4829
Orange****Aramid D1 210 - 4833
Dark Green****Aramid D1 210 - 4834
Red****Aramid D1 210 - 4835
Dark Blue****Aramid D1 210 - 4836
Black****Aramid D1 210 - 4837
Navy****Aramid D1 210 - 4838
Grey****Aramid D1 210 - 4839
Dark Navy****Aramid D1 210 - 5749
Khaki**

Description

Aramid twill fabric consisting of 210 gr/m², 93% m-Aramid, 5% p-Aramid, 2% Carbon. Inherent flame retardant fabric for wildland firefighters, oil and gas industry workers. Inherent flame retardant fabric with EN ISO 11612 and EN ISO 11611 certification. Antistatic (EN 1149-5) certified. Protection against thermal hazards of electrical arc (EN 61482-1-2). Resistant to most industrial chemicals (EN ISO 13034).

Technical Parameters

Name	Values	Standards
Fiber	93% m-Aramid (m-AR) 5% p-Aramid (p-AR) 2% Carbon (CF)	EN ISO 2076
Yarn	Warp:30/2Ne; Weft:30/2Ne	EN ISO 2060
Weight	210 ±5 gr/m ²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1500N; Weft>1000N	EN ISO 13934-1
Tear Strength	Warp>70N; Weft>60N	EN ISO 13937-2
Dimensional Change	-3%<Length<+3%;-3%<Width<+3%	EN ISO 5077
Rubbing Fastness	4-5	EN ISO 105 X12
Perspiration Fastness	4-5	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C06
Dry Cleaning Fastness	4-5	EN ISO 105 D01
Hypochlorite Fastness	4-5	EN ISO 105 N01
Peroxide Fastness	4-5	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4-5	EN ISO 105 B02
Perspiration Light Fast.	4-5	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Firefighters Costumes	
Quality Management	Done	ISO 9001
Flame and Heat Protection	Yes	EN ISO 11612
Antistatic	Yes	EN ISO 1149-5
Welding Protection	Yes	EN ISO 11611
Chemical Resistant	Yes	EN ISO 13034
Arc Protection	Class 1 (4kA)	EN ISO 61482-1-2
ATPV	> 7 cal/cm ²	EN ISO 61482-1-1
Forest Firefighters	Yes	EN ISO 15614