EN 11612 EN 1149-5 EN 61482 EN 13034

260 gr/m², 88% m-Aramid
5% p-Aramid 2% Carbon
5% Elasthane, Inherent Flame
Retardant, Elastane,
Antistatic, 3/1S Twill Fabric

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100

Sample

Aramid D2 260 El - 5883
Navy

The technical data on this guide is given for information and correct at the time of design. It can be changed without prior notice.

Description

Aramid elasthane twill fabric consisting of 260 gr/m², 93% m-Aramid, 5% p-Aramid, 2% Carbon.
Inherent flame retardant fabric for military application with ultra comfort and firefighters.
Inherent flame retardant fabric with EN ISO 11612 certification. Antistatic (EN 1149-3).
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	88% m-Aramid (m-AR) 5% p-Aramid (p-AR) 2% Carbon (CF) 5% Elastane (El)	EN ISO 2076
Yarn	Warp:30/2Ne; Weft:30/2Ne	EN ISO 2060
Weight	260 ±5 gr/m^2	EN ISO 3081
Width	1400 ±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	4.0-7.5	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Military Applications	
Quality Management	Done	ISO 9001
Flame and Heat Protection	Yes	EN ISO 11612
Antistatic	Yes	EN ISO 1149-5
Chemical Resistant	Yes	EN ISO 13034
Arc Protection	Class 1 (4kA)	EN ISO 61482-1-2
ATPV	> 12 cal/cm²	EN ISO 61482-1-1