



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



## Sample



**Aramid D2 260 EI - 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/m<sup>2</sup>, 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% Elasthane (EI)	EN ISO 2076
Yarn	Warp:30/2Ne; Weft:30/2Ne	EN ISO 2060
Weight	260 ±5 gr/m <sup>2</sup>	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/cm <sup>2</sup>	EN ISO 61482-1-1