



200 gr/m<sup>2</sup>, 58% p-Aramid  
40% Pbo 2% Carbon,  
Inherent Flame Retardant,  
Antistatic, Plain Fabric



Sample



**ArBo - 5295  
Natural**



## Description

World's strongest synthetic fabric which contains Pbo (poly phenylene benzobisoxazole) consisting of 220 gr/m<sup>2</sup>, 58% p-Aramid, 40% Pbo, 2% Carbon. ArBo is designed for firefighters's suit. ArBo is ultra fire resistant fabric for firefighters. Flame resistant (Flame retardant) fabric with EN 469 certification. Antistatic (EN 1149-5). ArBo is the best fabric in all categories for turnout gear.

## Technical Parameters

Name	Values	Standards
Fiber	58% p-Aramid (p-AR) 40% PBO (Pbo) 2% Carbon (CF)	EN ISO 2076
Yarn	Warp:24/2Ne; Weft:24/2Ne	EN ISO 2060
Weight	220 ±5 gr/m <sup>2</sup>	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>5500N; Weft>5000N	EN ISO 13934-1
Tear Strength	Warp>270N; Weft>310N	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
Weathering Fastness	4-5	EN ISO 105 B04
pH	4.0-7.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Firefighters Suits	
Quality Management	Done	ISO 9001
Firefighters	Yes	EN ISO 469
Antistatic	Yes	EN ISO 1149-5