



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



## Sample



**ArBo Knit - 5890**  
**Natural**



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

World's strongest synthetic fabric which contains Pbo (poly phenylene benzobisoxazole) consisting of 250 gr/m<sup>2</sup>, 58% p-Aramid, 40% Pbo, 2% Carbon. ArBo Knit is designed for firefighters's inner t-shirt. ArBo Knit is ultra fire resistant fabric for firefighters t-shirts. Flame resistant (Flame retardant) fabric with EN 11612 certification. Antistatic (EN 1149-5). ArBo Knit is the best fabric in all categories as t-shirt 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	250 ±10 gr/m <sup>2</sup>	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Bursting Strength	> 4200 kPa(kN/m <sup>2</sup> )	EN ISO 13938-1
Dimensional Change	-5%<Length<+5%;-5%<Width<+5%	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 T-Shirt	
Quality Management	Done	ISO 9001
Flame Retardant	Yes	EN ISO 11612
Antistatic	Yes	EN ISO 1149-5