



330 gr/m<sup>2</sup>, 90% Cotton  
10% Polyamide, VAT Dyed,  
Flame Retardant  
(100 Wash Resistant),  
3/1S Twill Fabric



Sample



**Description:** ArWoWear T31 Flame Pro is heavy weight 330 gr/m<sup>2</sup>, 90% cotton 10% polyamide, vat dyed, flame retardant workwear fabric. It has flame retardant function with EN ISO 11612 and EN ISO 11611 certification. It is durable up to 100 washing.

**Technical Parameters**

Name	Values	Standards
Fiber	90% Cotton (CO) 10% Polyamide (PA)	EN ISO 2076
Yarn	Warp:20/2Ne; Weft:20/2Ne	EN ISO 2060
Weight	330 ±5 gr/m <sup>2</sup>	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1400N; Weft>1200N	EN ISO 13934-1
Tear Strength	Warp>30N; Weft>25N	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	6-7	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	Flame Retardant Coveralls	
Quality Management	Done	ISO 9001
Flame and Heat Protection	Yes	EN ISO 11612
Welding Protection	Yes	EN ISO 11611
Arc Protection	Class 1 (4kA)	EN ISO 61482-1-2
ATPV	> 11 cal/cm <sup>2</sup>	EN ISO 61482-1-1

**ArWoWear T31 Flame Pro - 4752 Yellow**



**ArWoWear T31 Flame Pro - 4753 Orange**



**ArWoWear T31 Flame Pro - 4754 Dark Green**



**ArWoWear T31 Flame Pro - 4755 Red**



**ArWoWear T31 Flame Pro - 4756 Dark Blue**



**ArWoWear T31 Flame Pro - 4757 Black**



**ArWoWear T31 Flame Pro - 4758 Navy**



**ArWoWear T31 Flame Pro - 4759 Gray**



**ArWoWear T31 Flame Pro - 4760 Dark Navy**



**ArWoWear T31 Flame Pro - 4761 Khaki**



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