



330 gr/m², 89% Cotton
10% Polyamide 1% Carbon,
VAT Dyed, Antistatic,
Flame Retardant
(100 Wash Resistant),
3/1S Twill Fabric



Sample



Description: ArWoWear T31 Flame Arc Pro is heavy weight 330 gr/m², 89% Cotton 10% Polyamide 1% Carbon, vat dyed, flame retardant, antistatic workwear fabric. It has flame retardant function with EN ISO 11612 and EN ISO 11611 certification. Due to carbon fibers used on the back side of the fabric it has antistatic certification (EN 1149-5). Protection against thermal hazards of electrical arc (EN 61482-1-2). It is durable up to 100 washing.

Technical Parameters

Name	Values	Standards
Fiber	89%Cotton(CO)1%Carbon (CF) 10%Polyamide (PA)	EN ISO 2076
Yarn	Warp:30/2Ne; Weft:30/2Ne	EN ISO 2060
Weight	330 ±10 gr/m ²	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-
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 Shirt	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN ISO 1149-5
Flame and Heat Protection	Yes	EN ISO 11612
Arc Protection	Class 1 (4kA)	EN ISO 61482-1-2
Welding Protection	Yes	EN ISO 11611
ATPV	> 11 cal/cm ²	EN ISO 61482-1-1

ArWoWear T31 Flame+Arc Pro - 4792 Yellow



ArWoWear T31 Flame+Arc Pro - 4793 Orange



ArWoWear T31 Flame+Arc Pro - 4794 Dark Green



ArWoWear T31 Flame+Arc Pro - 4795 Red



ArWoWear T31 Flame+Arc Pro - 4796 Dark Blue



ArWoWear T31 Flame+Arc Pro - 4797 Black



ArWoWear T31 Flame+Arc Pro - 4798 Navy



ArWoWear T31 Flame+Arc Pro - 4799 Grey



ArWoWear T31 Flame+Arc Pro - 4800 Dark Navy



ArWoWear T31 Flame+Arc Pro - 4801 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.