EN 1149-5 | EN 11612 | EN 61482 | EN 11611

260 gr/m², 89% Cotton
10% Polyamide 1% Carbon,
VAT Dyed, Flame Retardant,
Antistatic, 3/1S Twill Fabric

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100

Sample

ArWoWear T30 Flame+Arc Pro - 4782 Yellow

ArWoWear T30 Flame+Arc Pro - 4783 Orange

ArWoWear T30 Flame+Arc Pro - 4784 Dark Green

ArWoWear T30 Flame+Arc Pro - 4785 Red

ArWoWear T30 Flame+Arc Pro - 4786 Dark Blue

ArWoWear T30 Flame+Arc Pro - 4787 Black

ArWoWear T30 Flame+Arc Pro - 4788 Navy

ArWoWear T30 Flame+Arc Pro - 4789 Grey

ArWoWear T30 Flame+Arc Pro - 4790 Dark Navy

ArWoWear T30 Flame+Arc Pro - 4791 Khaki

Description: ArWoWear T30 Flame Arc Pro is light weight 260 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	260 ±10 gr/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1200N; Weft>1000N	EN ISO 13934-1
Tear Strength	Warp>25N; Weft>20N	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 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	> 10 cal/cm²	EN ISO 61482-1-1