



450 gr/m<sup>2</sup>, 100% Cotton,  
VAT Dyed,  
Flame Retardant  
(100 Wash Resistant),  
4/1 Satin Fabric



Sample



### Description

ArWoWear T12 Flame Pro is heavy weight 450 gr/m<sup>2</sup>, 100% cotton, 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. Suitable for Shipyard welders in cold climates.

### Technical Parameters

Name	Values	Standards
Fiber	100% Cotton (CO)	EN ISO 2076
Yarn	Warp:16/2Ne; Weft:16/2Ne	EN ISO 2060
Weight	450 ±20 gr/m <sup>2</sup>	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>2000N; Weft>1400N	EN ISO 13934-1
Tear Strength	Warp>35N; Weft>30N	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	> 20 cal/cm <sup>2</sup>	EN ISO 61482-1-1

**ArWoWear T12 Flame Pro - 5323 Orange**



**ArWoWear T12 Flame Pro - 5324 Red**



**ArWoWear T12 Flame Pro - 5325 Navy**



**ArWoWear T12 Flame Pro - 5326 Grey**

