

ArWoWear

M O D A P R O S E R I E S

Inherent Flame Retardant Modacrylic Workwear Fabrics



High Visibility



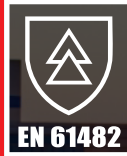
Welding
Protection



Flame and Heat
Protection



Antistatic



Arc Protection



Chemical
Resistant



1975
ARITEKS
FUNCTION FOR FLEXIBLE FABRICS

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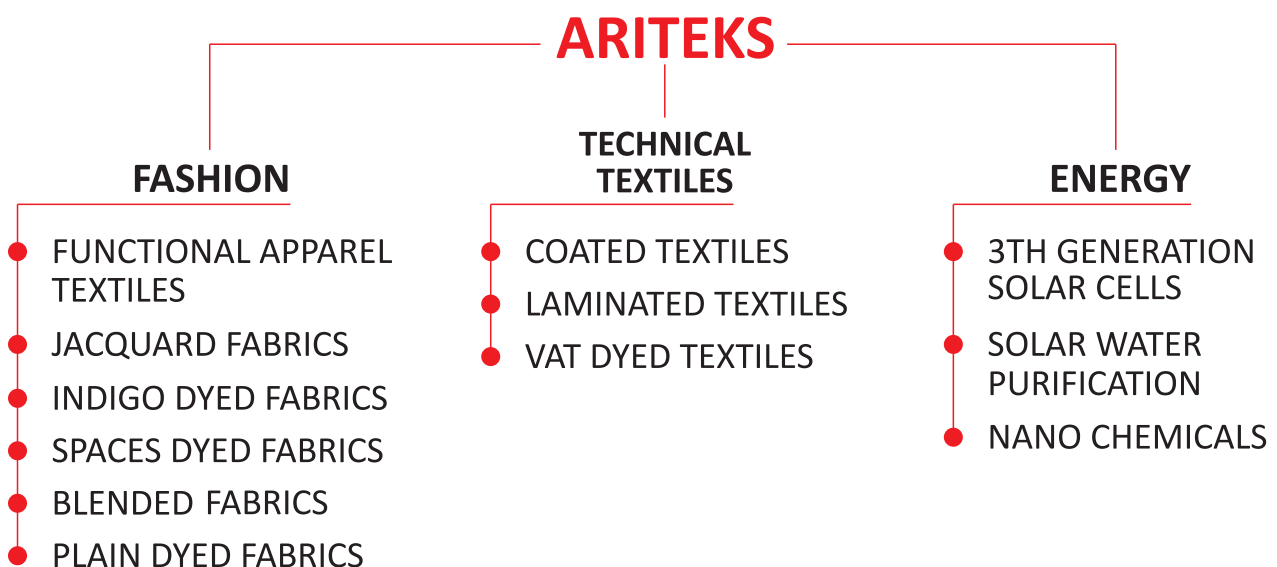
Ariteks, founded as a family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

By continuously developing high-end technologies it provides solutions to end users in apparel, protective workwear, functional sport, medical wear as well as technical textiles in construction and transportation industries.

As the pioneer company in special dyeing methods like indigo, vat, space-dye, coating and laminating systems, Ariteks produces highest-quality fabrics both for international and domestic markets.

Ariteks uses clean and renewable energy resources. It consumes minimum amount of water by using continuous optimised systems.

Based in 14000m² with 12 separate in house R&D laboratories, the company spends 5% of its budget for research and developing future technologies. It focuses especially on 3rd generation solar cells on flexible fabrics and biosensing textiles.



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260 gr/m², 60% Modacrylic
38% Cotton 2% Carbon,
Inherent Flame Retardant,
Antistatic 3/1S Twill Fabric



Sample



**ArWoWear 260 Moda Pro -
5759 High Visible Yellow****ArWoWear 260 Moda Pro -
5760 Grey****ArWoWear 260 Moda Pro -
5771 Navy****ArWoWear 260 Moda Pro -
5277 Black**

Description

60% modacrylic 38% cotton 2% carbon, inherent flame retardant antistatic twill fabric .

ArWoWear 260 Moda Pro fabric are mostly used by welders, electrical workers and firefighters. It is resistant to very high sun level, with fastness level of 4 to 5.

ArWoWear 260 Moda Pro are inherent flame retardant with EN 11612 certification.

Suitable for antistatic application, certified for EN ISO 1149.

It provides arc flash protection with EN 61482 class 1 (4 kA) certification.

Technical Parameters

Name	Values	Standards
Fiber	60% Modacrylic (MAC) 38% Cotton (CO) 2% Carbon (CF)	EN ISO 2076
Yarn	Warp:30/2Ne; Weft:30/2Ne	EN ISO 2060
Weight	260 ±10 gr/m ²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>900N; Weft>700N	EN ISO 13934-1
Tear Strength	Warp>15N; Weft>15N	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	4-5	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
Antistatic	Done	EN ISO 1149-5
Flame and Heat Protection	Done	EN ISO 11612
Arc Protection	Class 1(4kA)	EN ISO 61482-1-2
ATPV	>10 cal/cm ²	EN ISO 61482-1-1
Chemical Resistant	Yes	EN ISO 13034
High Visibility	Done	EN ISO 20471
Welding Protection	Done	EN ISO 11611



330 gr/m², 60% Modacrylic
38% Cotton 2% Carbon,
Inherent Flame Retardant,
Antistatic 3/1S Twill Fabric



Sample



**ArWoWear 330 Moda Pro -
5761 High Visible Yellow****ArWoWear 330 Moda Pro -
5762 Grey****ArWoWear 330 Moda Pro -
5772 Navy****ArWoWear 330 Moda Pro -
5279 Black**

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

60% modacrylic 38% cotton 2% carbon, inherent flame retardant antistatic twill fabric .

ArWoWear 330 Moda Pro fabric are mostly used by welders, electrical workers and firefighters. It is resistant to very high sun level, with fastness level of 4 to 5.

ArWoWear 330 Moda Pro are inherent flame retardant with EN 11612 certification.

Suitable for antistatic application, certified for EN ISO 1149.

It provides arc flash protection with EN 61482 class 1 (4 kA) certification.

Technical Parameters

Name	Values	Standards
Fiber	60% Modacrylic (MAC) 38% Cotton (CO) 2% Carbon (CF)	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>1000N; Weft>800N	EN ISO 13934-1
Tear Strength	Warp>25N; 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	4-5	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
Antistatic	Done	EN ISO 1149-5
Flame and Heat Protection	Done	EN ISO 11612
Arc Protection	Class 1(4kA)	EN ISO 61482-1-2
ATPV	>10 cal/cm ²	EN ISO 61482-1-1
Chemical Resistant	Yes	EN ISO 13034
High Visibility	Done	EN ISO 20471
Welding Protection	Done	EN ISO 11611

Fashion Fabrics



Technical Fabrics

  BUILDING	  HOME	  PROTECTION	  MEDICAL	  SPORT	  TRANSPORT
  GEOLOGY	  PACKAGING	  CLOTHING	  AGRICULTURE	  ENVIRONMENT	  MACHINE

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