

# ArWoWear

MODAPRO 2

Inherent Flame Retardant Elasthane  
and Fleece Modacrylic Workwear Fabrics



Heat and Flame  
Protection



Electrical Arc  
Protection



Antistatic



Chemical  
Protection





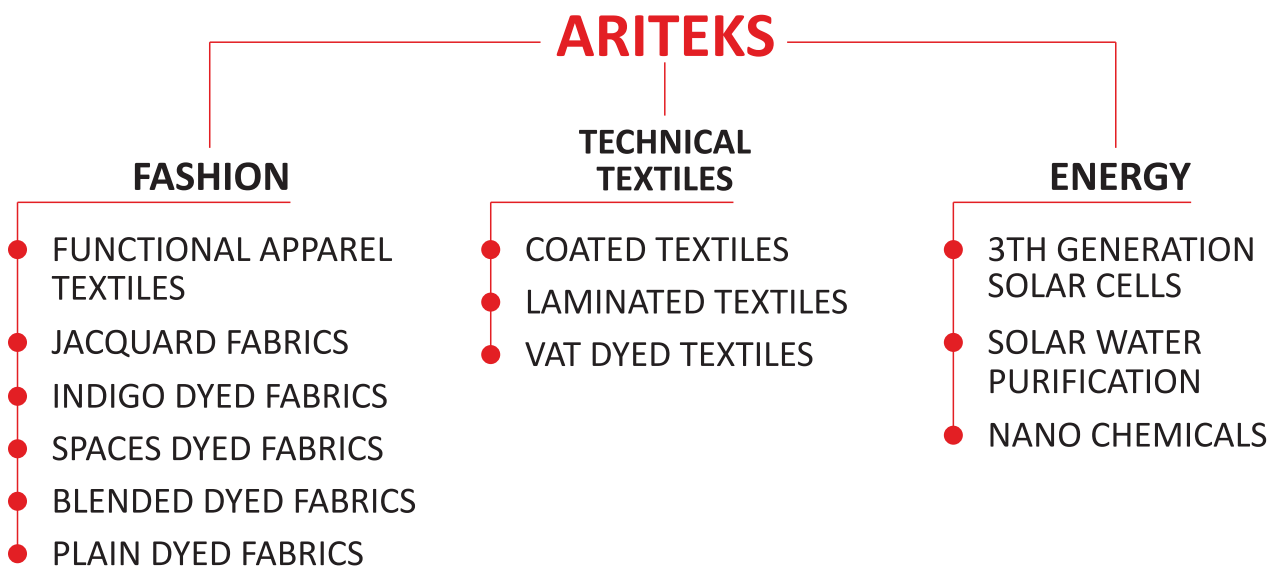
Ariteks, founded as family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

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 4000m<sup>2</sup> 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.



## CONTENT

<b>1</b>	<b>ArWoWear 330 Moda Pro El</b> 330 gr/m <sup>2</sup> , 58% Modacrylic 35% Cotton 2% Carbon 5% Elasthane, 3/1S Twill Fabric	    	4-5
<b>2</b>	<b>Ar3Iplik Moda Pro</b> 300 gr/m <sup>2</sup> , 60% Modacrylic 38% Cotton 2% Carbon, Fleece Knit Fabric	   	6-7



330 gr/m<sup>2</sup>, 58% Modacrylic  
35% Cotton 2% Carbon  
5% Elasthane, Inherent  
Flame Retardant, Elasthane,  
Antistatic 3/1S Twill Fabric



## Sample



**ArWoWear 330 Moda Pro El -  
5891 High Visible Yellow**

**ArWoWear 330 Moda Pro El -  
5892 Navy**


## Description

58% Modacrylic 35% Cotton 2% Carbon 5% Elasthane, inherent flame retardant elasthane antistatic twill fabric . ArWoWear 330 Moda Pro El fabric is mostly used by electrical workers and military applications. 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	58% Modacrylic (MAC) 35% Cotton (CO) 2% Carbon (CF) 5% Elasthane (EI)	EN ISO 2076
Yarn	Warp:30/2Ne; Weft:30/2Ne	EN ISO 2060
Weight	330 ±10 gr/m <sup>2</sup>	EN ISO 3081
Width	1400 ±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	4.0-7.5	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
Antistatic	Yes	EN ISO 1149-5
Chemical Resistant	Yes	EN ISO 13034
Arc Protection	Class 1 (4kA)	EN ISO 61482-1-2
ATPV	> 10 cal/cm <sup>2</sup>	EN ISO 61482-1-1
High Visibility	Done	EN ISO 20471





300 gr/m<sup>2</sup>, 60% Modacrylic  
38% Cotton 2% Carbon,  
Inherent Flame Retardant,  
Antistatic Fleece Knit Fabric



## Sample



**Ar3Iplik Moda Pro - 5782  
High Visible Yellow**

**Ar3Iplik Moda Pro - 5783  
Navy**

**Ar3Iplik Moda Pro - 5784  
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 fleece fabric . Ar3Iplik Moda Pro fabric are mostly used by oil and gas drivers. Chemical factories and cold zone flame retardant applications is main usage of the fabric. It is resistant to very high sun level, with fastness level of 6 to 7.

Ar3Iplik Moda Pro are inherent flame retardant with EN 11612 certification. Suitable for antistatic applications, certified for EN ISO 1149-5. It provides arc flash protection with EN 61482 class 1 (4 kA) certification. EN 20471 certified.

























## Technical Parameters

Name	Values	Standards
Fiber	60% Modacrylic (MAC) 38% Cotton (CO) 2% Carbon (CF)	EN ISO 2076
Yarn	40/2 Ne Combed	EN ISO 2060
Weight	300 ±5 gr/m <sup>2</sup>	EN ISO 3081
Width	1800 ±20 mm	EN ISO 3932
Bursting strength	> 1200 kPa(kN/m <sup>2</sup> )	EN ISO 13938-1
Dimensional Change	-5%<Length<+5%;-5%<Width<+5%	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	4.0-7.5	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Flame Retardant Fleece	
Quality Management	Done	ISO 9001
Flame and Heat Protection	Done	EN ISO 11612
Antistatic	Done	EN ISO 1149-5
Arc Protection	Class 1 (4kA)	EN ISO 61482-1-2
ATPV	> 7 cal/cm <sup>2</sup>	EN ISO 61482-1-1
High Visibility	Done	EN ISO 20471

# Fashion Fabrics



# Technical Fabrics

  <b>BUILDING</b>	  <b>HOME</b>	  <b>PROTECTION</b>	  <b>MEDICAL</b>	  <b>SPORT</b>	  <b>TRANSPORT</b>
  <b>GEOLOGY</b>	  <b>PACKAGE</b>	  <b>CLOTH</b>	  <b>AGRICULTURE</b>	  <b>ENVIRONMENT</b>	  <b>MACHINE</b>

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