

ArWoWear

M O D A P R O 2

Inherent Flame Retardant Elasthane
and Fleece Modacrylic Workwear Fabrics



Heat and Flame
Protection



Electrical Arc
Protection



Antistatic



Chemical
Protection



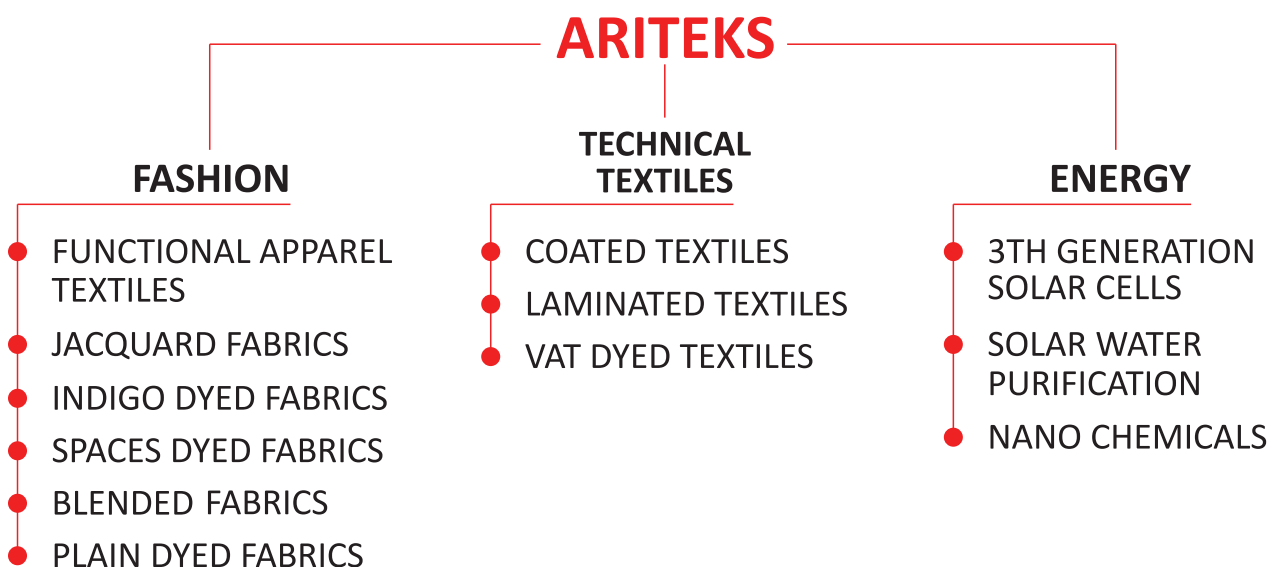
Ariteks, founded as a family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

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.



CONTENT

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



330 gr/m², 58% Modacrylic
35% Cotton 2% Carbon
5% Elasthane, Inherent
Flame Retardant, Elastane,
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% Elastane, inherent flame retardant elastane 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% Elastane (El) | EN ISO 2076 |
| Yarn | Warp:30/2Ne; Weft:30/2Ne | EN ISO 2060 |
| Weight | 330 ±10 gr/m ² | 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 ² | EN ISO 61482-1-1 |
| High Visibility | Done | EN ISO 20471 |



300 gr/m², 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 ² | EN ISO 3081 |
| Width | 1800 ±20 mm | EN ISO 3932 |
| Bursting strength | > 1200 kPa(kN/m ²) | 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 ² | EN ISO 61482-1-1 |
| High Visibility | Done | EN ISO 20471 |

Fashion Fabrics



Technical Fabrics

| | | | | | |
|---|--|---|--|--|--|
|   BUILDING |   HOME |   PROTECTION |   MEDICAL |   SPORT |   TRANSPORT |
|   GEOLOGY |   PACKAGE |   CLOTH |   AGRICULTURE |   ENVIRONMENT |   MACHINE |

Ariteks Fabric Factory
 Address: Velimese OSB Mah.210.Sokak,
 No:9/8 59930, Ergene Tekirdag/Turkey
 Phone: +90 282 676 41 90
 Fax: +90 282 676 46 13
 E-Mail: support@aritekinfo.com
 Web: www.aritek.net