

ArMedi Antibacterial

Inherent Antibacterial Fabrics
(Silver Yarn Integrated)



Water and Oil
Repellent

EN 4920



Antibacterial

Antibacterial



EN 18184

Antiviral



1975
ARITEKS
FUNCTIONAL TECHNICAL FABRICS

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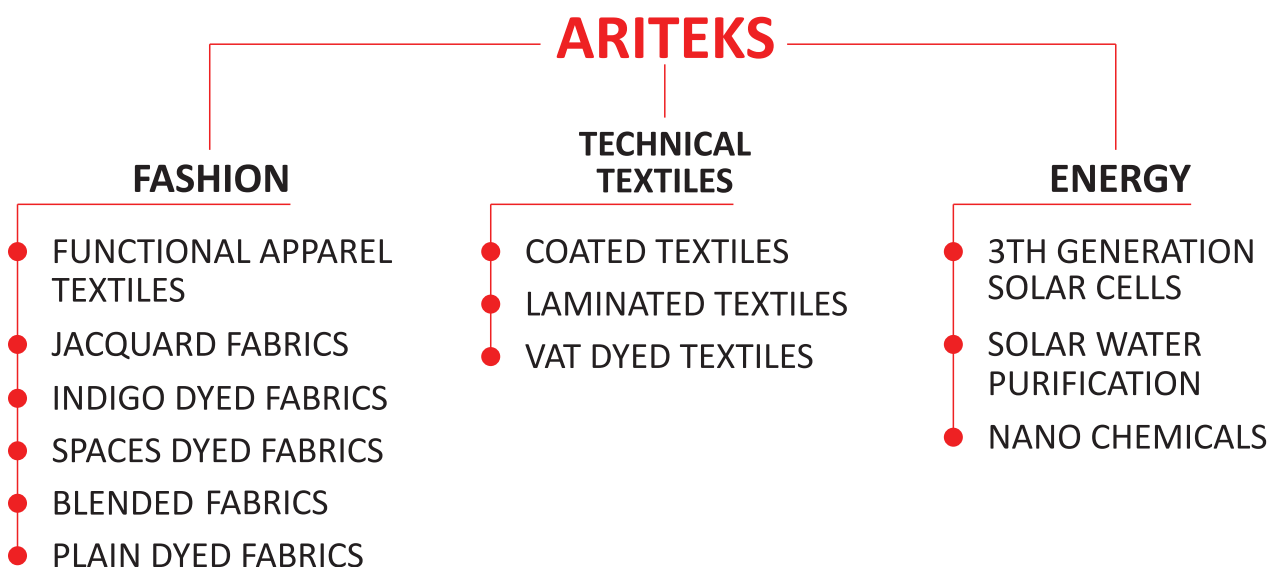
Ariteks, founded as a family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

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.



CONTENT

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| 1 | Arox T2 WR / Antibac |    | 4-5 |
| | 160 gr/m ² , 97% Polyester 3% Silver, 2/1 S Twill Fabric | | |
| 2 | ArWoWear T4 Antibac |    | 6-7 |
| | 200 gr/m ² , 63% Polyester 34% Cotton 3% Silver, 2/1 S Twill Fabric | | |



160 gr/m², 97% Polyester
3% Silver, Inherent Antibacterial,
Water and Oil Repellent,
Antiviral 2/1 S Twill Fabric



Sample



**Arox T2 WR/Antibac - 5032
Blue****Arox T2 WR/Antibac - 5031
Green****Arox T2 WR/Antibac - 5030
White**

Description

97% polyester 3% silver, inherent antibacterial medical wear twill fabric with silver yarn integrated.
Arox T2 WR/Antibac fabrics are mostly used for medical applications with superior antibacterial functions. It eliminates all odor and bacteria formation on the body.
Arox T2 WR/Antibac is tested for AATCC 147, AATCC 100, ASTM E 2149, certified for EN 13795.

Technical Parameters

| Name | Values | Standards |
|-------------------------|---------------------------------------|-------------------------------------|
| Fiber | 97% Polyester (PES) 3% Silver (Ag) | EN ISO 2076 |
| Yarn | 300 Denier | EN ISO 2060 |
| Weight | 160 ±5 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>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 |
| Hot Press Fastness | 4-5 | EN ISO 105 X11 |
| pH | 6.0 | EN ISO 3071 |
| Azo Test | No Azo Colorants. | EN ISO 14362-1 |
| Application | Medical Uniforms | |
| Quality Management | Done | ISO 9001 |
| Cleanroom Suits | Done | EN 13795 |
| Water and Oil Repellent | 4 | EN ISO 4920 |
| Antibacterial | Done | AATCC 100,AATCC 147, ASTM E 2149 |
| Antiviral | Yes | ISO 18184 |



200 gr/m², 63% Polyester
34% Cotton 3% Silver,
Inherent Antibacterial,
Water and Oil Repellent,
Antiviral 2/1 S Twill Fabric



Sample



**ArWoWear T4 Antibac - 5035
Blue****ArWoWear T4 Antibac - 5034
Green****ArWoWear T4 Antibac - 5033
White**

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

63% polyester 34% Cotton 3% silver, inherent antibacterial medical wear twill fabric with silver yarn integrated. Arwowear T4 Antibac fabrics are mostly used for medical applications with superior antibacterial functions. It eliminates all odor and bacteria formation on the body and on the hospital bed mattress. Arox T4 Antibac is tested for AATCC 147, AATCC 100, ASTM E 2149, certified for EN 13795.

























Technical Parameters

| Name | Values | Standards |
|-------------------------|--|-------------------------------------|
| Fiber | 63% Polyester (PES) 34% Cotton (CO) 3% Silver (Ag) | EN ISO 2076 |
| Yarn | 20/1 Ne | EN ISO 2060 |
| Weight | 200 ±5 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>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 |
| Hot Press Fastness | 4-5 | EN ISO 105 X11 |
| pH | 6.0 | EN ISO 3071 |
| Azo Test | No Azo Colorants. | EN ISO 14362-1 |
| Application | Medical Mattress | |
| Quality Management | Done | ISO 9001 |
| Clean Air Suits | Done | EN 13795 |
| Water and Oil Repellent | 4 | EN ISO 4920 |
| Antibacterial | Done | AATCC 100,AATCC 147, ASTM E 2149 |
| Antiviral | Yes | ISO 18184 |

Fashion Fabrics



Technical Fabrics

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

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