

ArPower Knit

Ultra elastic medical fabrics
for orthopedical, corset
and face mask applications



Antibacterial



**Water and Oil
Repellent**



**Bacterial
Filtration**



1975
ARITEKS
FUNCTION FOR FLEXIBLE FABRICS

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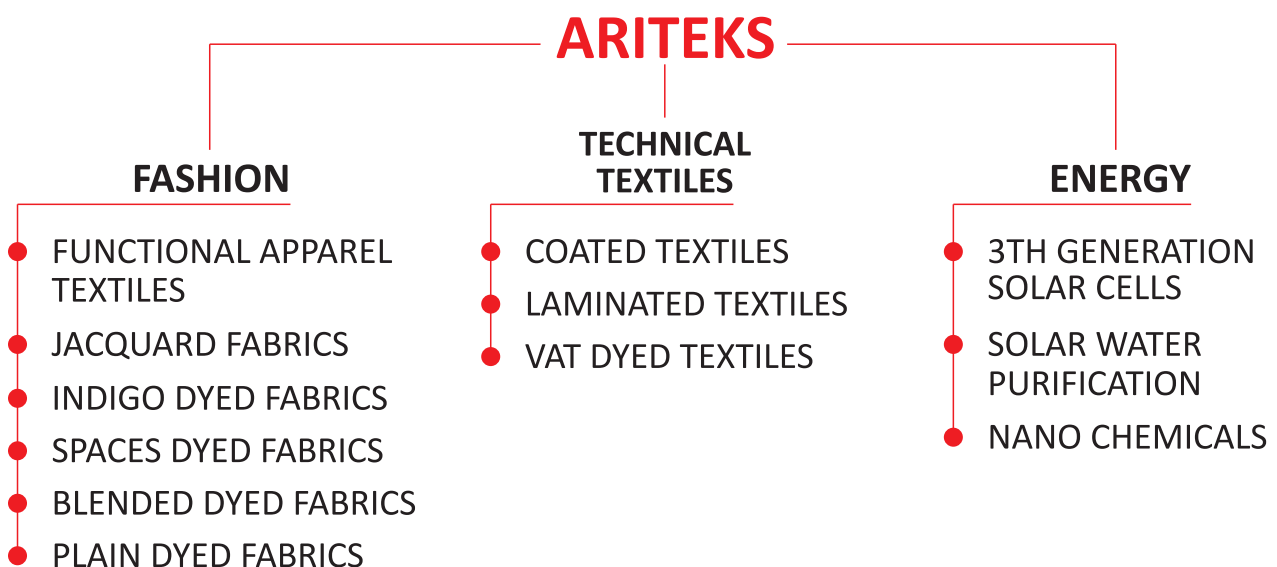
Ariteks, founded as family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

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.

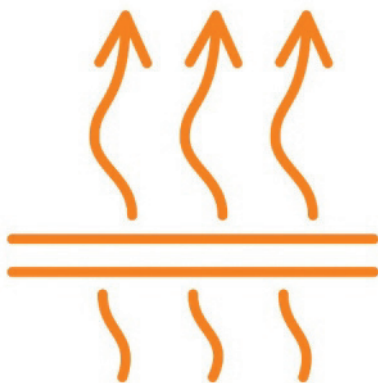
Ariteks uses clean and renewable energy resources. It consumes minimum amount of water by using continuous optimised systems.

Based in 4000m² 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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BREATHABLE MATERIAL



350 gr/m², 70% Polyester
22% Polyamide 8% Elastane,
Water Repellent, Antibacterial,
Elastic Knit Fabric



Sample



ArPower Knit P - 5936
White



ArPower Knit P - 5937
Cream



ArPower Knit P - 5938
Black



Description

ArPower Knit P is 70% polyester 22% Polyamide 8% Elastane, 350 gr/m² ultra elastic knit fabric for corset applications. It is antibacterial and resistant up to 20 wash.

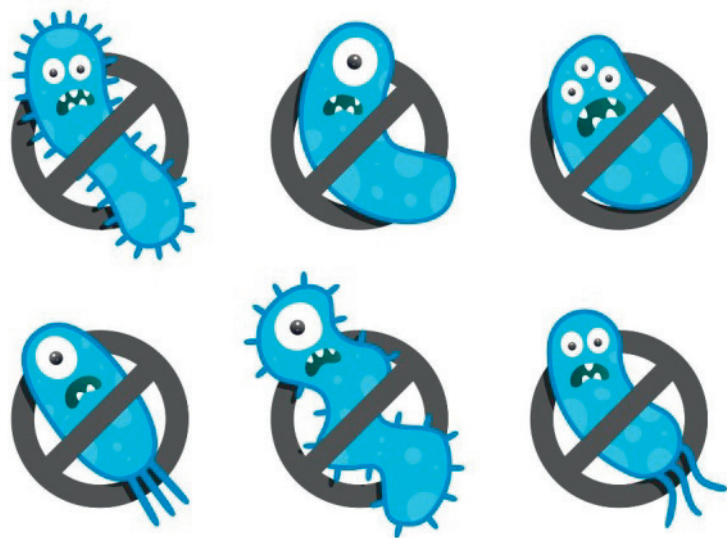
ApPower Knit P is water and oil repellent, can be used during orthopedical treatments.

2 layer of this fabric can be easily used to produce certified EN 14683 face masks.

Technical Parameters

Name	Values	Standards
Fiber	70% Polyester (PES) 22% Polyamide (PU) 8% Elastane (EL)	EN ISO 2076
Yarn	75/72 Denier	EN ISO 2060
Weight	350 ±10 gr/m ²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Bursting Strength	> 1000 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
Hot Press Fastness	4-5	EN ISO 105 X11
pH	4,0 - 6.5	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Medical Corset	
Quality Management	Done	ISO 9001
Spray Test	ISO 5	EN ISO 24920
Antibacterial	99,99%	ATSM E2149
Bacterial Filtration	Type IIR	EN 14683

ANTIBACTERIAL



400 gr/m², 45% Polyester
35% Viscose 22% Polyamide
8% Elastane, Water Repellent,
Antibacterial, Elastic Knit Fabric



Sample



ArPower Knit - 5574
Orange


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

ArPower Knit is 40% Polyester 30% Viscose 22% Polyamide 8% Elastane, 400 gr/m² ultra elastic knit fabric for corset applications. It is antibacterial and resistant up to 20 wash.

ArPower Knit is water and oil repellent, can be used during orthopedical treatments.

2 layer of this fabric can be easily used to produce certified EN 14683 face masks.

Technical Parameters

Name	Values	Standards
Fiber	40% Polyester (PES) 30% Viscose (CV) 22% Polyamide (PU) 8% Elastane (EL)	EN ISO 2076
Yarn	28/1 Ne	EN ISO 2060
Weight	400 ±10 gr/m ²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Bursting Strength	> 1000 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
Hot Press Fastness	4-5	EN ISO 105 X11
pH	4,0 - 6.5	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Medical Corset	
Quality Management	Done	ISO 9001
Spray Test	ISO 5	EN ISO 24920
Antibacterial	99,99%	ATSM E2149
Bacterial Filtration	Type IIR	EN 14683

Fashion Fabrics



Technical Fabrics

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

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