



# ArDura

## High Tenacity Polyamide Fabrics For Military Equipments



**Water and Oil  
Repellent**



**Waterproof**



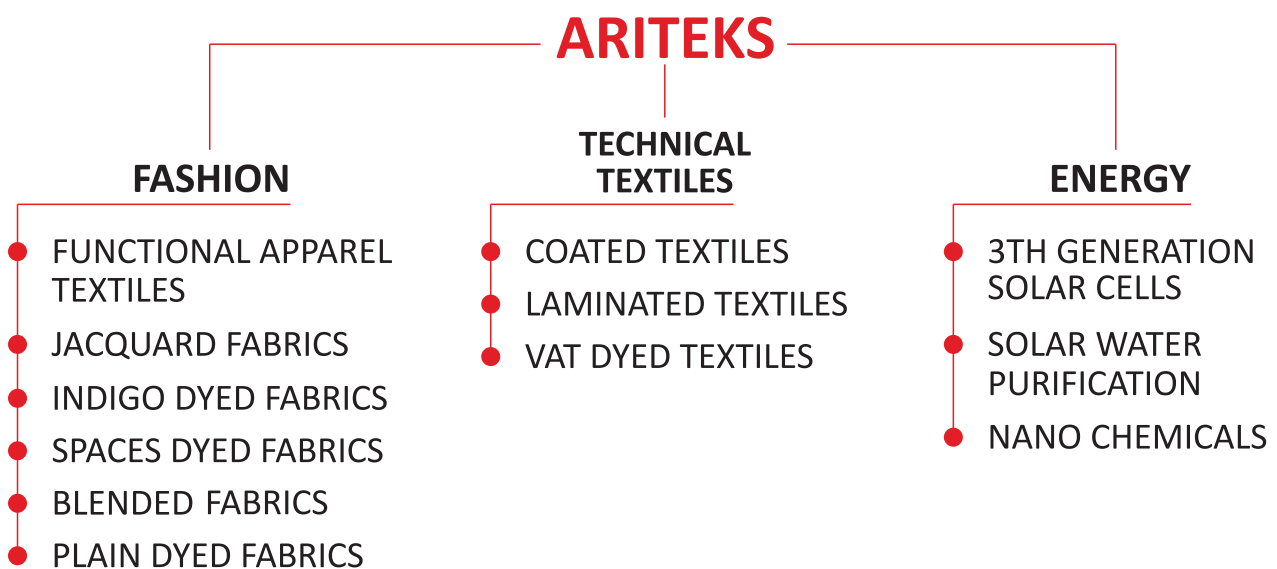
Ariteks, founded as a family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

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 14000m<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>ArDura 500</b> 240 gr/m <sup>2</sup> , 100% Pa 6.6	 	4-5
<b>2</b>	<b>ArDura 1000</b> 350 gr/m <sup>2</sup> , 100% Pa 6.6	 	6-7



240 gr/m<sup>2</sup>, 100% Pa 6.6,  
Water Repellent, Waterproof,  
Woven Fabric



Sample



**ArDura 500 - 5249  
Black**



**ArDura 500 - 5250  
Khaki**



### Description

ArDura 500 is lightweight 100% polyamide 6.6 woven fabric for military wear and equipments. It is EN ISO EN343 certified for waterproof. It's used mostly for application which requires ultra durability and water resistance.

### Technical Parameters

Name	Values	Standards
Fiber	100% Polyamide 6.6 (PA 6.6)	EN ISO 2076
Yarn	500 Denier	EN ISO 2060
Weight	240 ±10 gr/m <sup>2</sup>	EN ISO 3081
Width	1500 ±20 mm	EN ISO 3932
Tensile Strength	Warp>3000N; Weft>2000N	EN ISO 13934-1
Tear Strength	Warp>250N; Weft>200N	EN ISO 13937-4
Dimensional Change	-3%<Length<+3%;-3%<Width<+3%	EN ISO 5077
Abrasion Resistance	@50000	TS EN 530
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
Light Fastness	4	EN ISO 105 B02
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Military Equipments	
Quality Management	Done	ISO 9001
Spray Test	ISO 5	EN ISO 24920
Waterproof	Yes	EN ISO 343
Water Resistance	>1000mm H <sub>2</sub> O	EN ISO 20811



350 gr/m<sup>2</sup>, 100% Pa 6.6,  
Water Repellent, Waterproof,  
Woven Fabric



## Sample



**ArDura 1000 - 5251  
Black**



**ArDura 1000 - 5252  
Khaki**



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

ArDura 1000 is lightweight 100% polyamide 6.6 woven fabric for military wear and equipments. It is EN ISO EN343 certified for waterproof. It's used mostly for application which requires ultra durability and water resistance.

























### Technical Parameters

Name	Values	Standards
Fiber	100% Polyamide 6.6 (PA 6.6)	EN ISO 2076
Yarn	1000 Denier	EN ISO 2060
Weight	350 ±10 gr/m <sup>2</sup>	EN ISO 3081
Width	1500 ±20 mm	EN ISO 3932
Tensile Strength	Warp>3500N; Weft>3000N	EN ISO 13934-1
Tear Strength	Warp>400N; Weft>350N	EN ISO 13937-4
Dimensional Change	-3%<Length<+3%;-3%<Width<+3%	EN ISO 5077
Abrasion Resistance	@50000	TS EN 530
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
Light Fastness	4	EN ISO 105 B02
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Military Equipments	
Quality Management	Done	ISO 9001
Spray Test	ISO 5	EN ISO 24920
Waterproof	Yes	EN ISO 343
Water Resistance	>1000mm H <sub>2</sub> O	EN ISO 20811

# 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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