



# ArGiyim

**Ultra Durable**  
**Ultra Breathable**

**Front Side Polyester**  
**Back Side Cotton**

**PolyCotton Fabrics**



EN 11612



EN 13034



EN 1149-5



EN 61482



EN 4920



EN 20471



1975  
**ARITEKS**  
FUNCTIONAL TECHNICAL FABRICS

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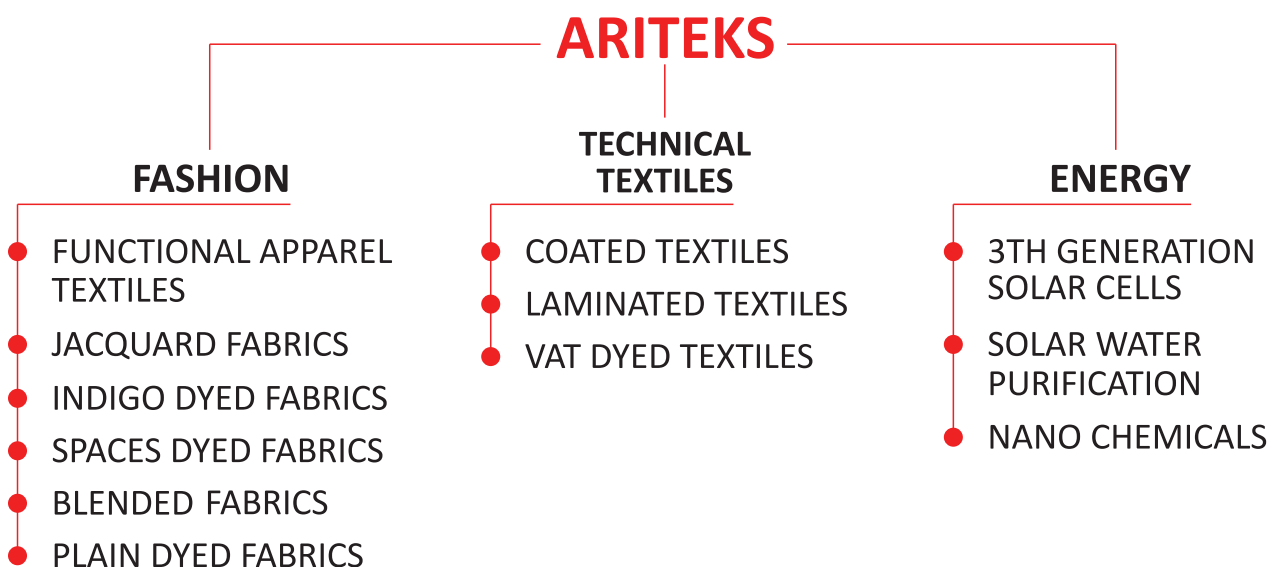
Ariteks, founded as a family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

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 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.



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245 gr/m<sup>2</sup>, 80% Polyester  
20% Cotton High Visible,  
Chemical Resistant,  
3/1 S Twill Woven Fabric



Sample



**ArGiyim 245 - 5086  
High Visible Yellow**



**ArGiyim 245 - 5191  
High Visible Green**



**ArGiyim 245 - 5087  
High Visible Orange**



**ArGiyim 245 - 5088  
High Visible Red**



**ArGiyim 245 - 5192  
Dark Red**



**ArGiyim 245 - 5193  
Royal**



**ArGiyim 245 - 5089  
Navy**



**ArGiyim 245 - 5194  
Green**



**ArGiyim 245 - 5195  
Grey**



**ArGiyim 245 - 5090  
Black**



**ArGiyim 245 - 5196  
Sax**



**ArGiyim 245 - 5197  
Anthracite**



## Description

80% Polyester 20% Cotton PolyCotton high visible, chemical resistant twill fabric. The front side of the fabric is 100% Polyester which is ultra durable for work conditions and light, the back side of the fabric is cotton which provides breathability to the user.

ArGiyim 245 are used for outdoor jackets, safety jackets, pants and trousers.

Certified for EN ISO 20471 and for EN 13034.

## Technical Parameters

Name	Values	Standards
Fiber	80% Polyester (PES) 20% Cotton (CO)	EN ISO 2076
Yarn	300 Denier + 12/1 Ne	EN ISO 2060
Weight	245 ±10 gr/m <sup>2</sup>	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1800N; Weft>600N	EN ISO 13934-1
Tear Strength	Warp>30N; 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
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	Hi Vis Pants	
Quality Management	Done	ISO 9001
High Visibility	Done	EN ISO 20471
Chemical Resistant	Done	EN ISO 13034



290 gr/m<sup>2</sup>, 80% Polyester  
20% Cotton High Visible,  
Chemical Resistant,  
4/1 Satin Woven Fabric



Sample



**ArGiyim 290 - 5200  
High Visible Yellow****ArGiyim 290 - 5201  
High Visible Orange****ArGiyim 290 - 5202  
High Visible Red**

## Description

80% Polyester 20% Cotton PolyCotton high visible, chemical resistant satin fabric. The front side of the fabric is 100% Polyester which is ultra durable for work conditions and light, the back side of the fabric is cotton which provides breathability to the user.

ArGiyim 290 are used for outdoor jackets, safety jackets, pans and trousers.

Certified for EN ISO 20471 and for EN 13034.

## Technical Parameters

Name	Values	Standards
Fiber	80% Polyester (PES) 20% Cotton (CO)	EN ISO 2076
Yarn	300 Denier + 12/1 Ne	EN ISO 2060
Weight	290 ±10 gr/m <sup>2</sup>	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>2000N; Weft>800N	EN ISO 13934-1
Tear Strength	Warp>35N; Weft>30N	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	Hi Vis Pans	
Quality Management	Done	ISO 9001
High Visibility	Done	EN ISO 20471
Chemical Resistant	Done	EN ISO 13034



245 gr/m<sup>2</sup>, 79% Polyester  
20% Cotton 1% Carbon Antistatic,  
Chemical Resistant,  
3/1 S Twill Woven Fabric



Sample





**ArGiyim 245 Static Pro -  
5280 High Visible Yellow****ArGiyim 245 Static Pro -  
5281 High Visible Orange****ArGiyim 245 Static Pro -  
5198 White****ArGiyim 245 Static Pro -  
5199 Blue**

## Description

79% Polyester 20% Cotton 1% Carbon PolyCotton antistatic, chemical resistant twill fabric. The front side of the fabric is 100% Polyester which is ultra durable for work conditions and light, the back side of the fabric is cotton which provides breathability to the user.

ArGiyim 245 Static Pro are used in pans and trousers in clean rooms.

Certified for EN ISO 1149-5(1149-3 Method 3) and for EN 13034.

## Technical Parameters

Name	Values	Standards
Fiber	79% Polyester (PES) 20% Cotton (CO) 1%Carbon (CF)	EN ISO 2076
Yarn	300 Denier+12/1 Ne+40 Denier	EN ISO 2060
Weight	245 ±10 gr/m <sup>2</sup>	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1800N; Weft>600N	EN ISO 13934-1
Tear Strength	Warp>30N; 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
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	Hi Vis Antistatic Pans	
Quality Management	Done	ISO 9001
Antistatic	Done	EN ISO 1149-5
Chemical Resistant	Done	EN ISO 13034
High Visibility	Done	EN ISO 20471



180 gr/m<sup>2</sup>, 50% Polyester  
50% Cotton High Visible,  
Bird Eye Knit Fabric



Sample



**ArGiyim Bird Eye - 5206  
High Visible Yellow**



**ArGiyim Bird Eye - 5207  
High Visible Orange**



**ArGiyim Bird Eye - 5208  
High Visible Red**



**ArGiyim Bird Eye - 5209  
Navy**



**ArGiyim Bird Eye - 5210  
Black**



**ArGiyim Bird Eye - 5282  
Grey**



**ArGiyim Bird Eye - 5283  
Sax**



### Description

50% Polyester 50% Cotton PolyCotton high visible, knit fabric. The front side of the fabric is 100% Polyester which is ultra durable for work conditions and light, the back side of the fabric is cotton which provides breathability to the user.

ArGiyim Bird Eye is used for ultra durable t-shirts.

Certified for EN ISO 20471.

### Technical Parameters

Name	Values	Standards
Fiber	50% Polyester (PES) 50% Cotton (CO)	EN ISO 2076
Yarn	100 Denier + 36/1 Ne	EN ISO 2060
Weight	180 ±10 gr/m <sup>2</sup>	EN ISO 3081
Width	1800 ±20 mm	EN ISO 3932
Bursting strength	> 1000 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
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	Hi Vis T-Shirts	
Quality Management	Done	ISO 9001
High Visibility	Done	EN ISO 20471
Water and Oil Repellent	4	EN 4920



330 gr/m2, 49% Polyester  
50% Cotton 1% Carbon  
High Visible, Flame Retardant,  
Antistatic, Chemical Resistant,  
4/1 Satin Woven Fabric



Sample



**ArGiyim Sultan - 5203  
High Visible Yellow**



**ArGiyim Sultan - 5204  
High Visible Orange**



**ArGiyim Sultan - 5205  
High Visible Red**



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**

49% Polyester 50% Cotton 1% Carbon PolyCotton High visible, Flame Retardant, Antistatic, Chemical resistant satin fabric. The front side of the fabric is 100% Polyester which is ultra durable for work conditions and light, the back side of the fabric is cotton which provides breathability to the user.

ArGiyim 245 are used for outdoor jackets, safety jackets, pans and trousers.

Certified for EN ISO 20471, EN 11612, EN 1149-5, EN 61482 and EN 13034

























**Technical Parameters**

Name	Values	Standards
Fiber	49% Polyester (PES) 50% Cotton (CO) 1%Carbon (CF)	EN ISO 2076
Yarn	300 Denier + 10/1 Ne	EN ISO 2060
Weight	330 ±10 gr/m <sup>2</sup>	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>2000N; Weft>800N	EN ISO 13934-1
Tear Strength	Warp>35N; Weft>30N	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	Hi Vis Pans	
Quality Management	Done	ISO 9001
High Visibility	Done	EN ISO 20471
Chemical Resistant	Done	EN ISO 13034
Heat and Flame Protection	Done	EN ISO 11612
Antistatic	Done	EN ISO 1149-5
Arc Protection	(Class 1)	EN ISO 61482-1-2

# 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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