

ArAir Mesh

3D Fabrics Series





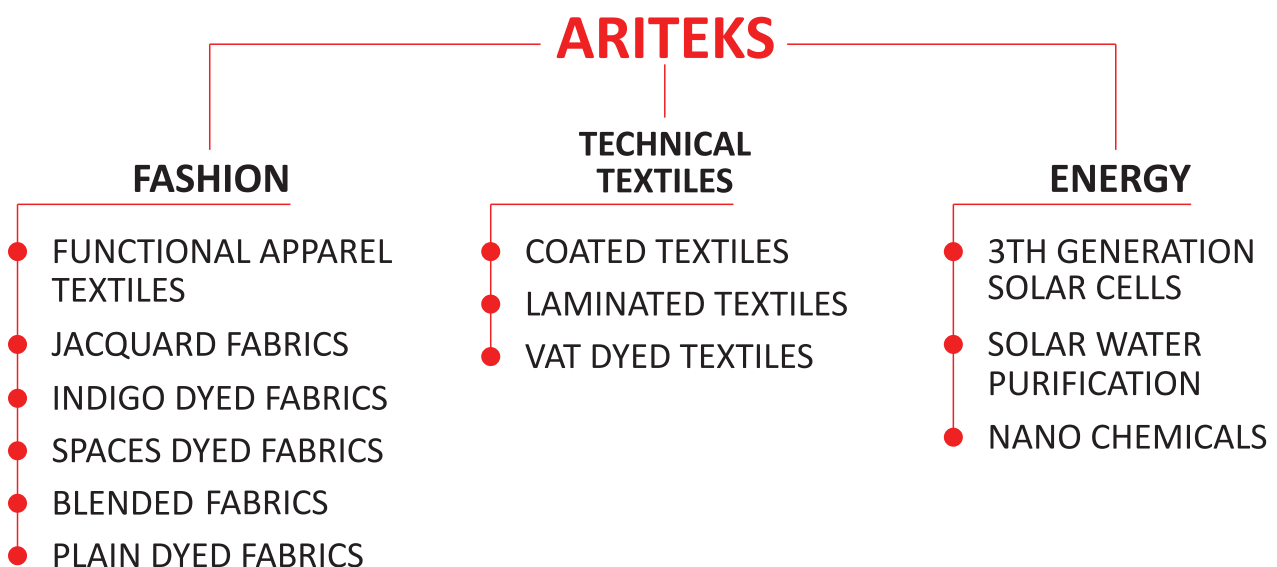
Ariteks, founded as a family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

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.



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250 gr/m², 100% Polyester,
Air Mesh Fabric



Sample



ArAir Mesh AA 250 - 4491
White**ArAir Mesh AA 250 - 4492**
Grey**ArAir Mesh AA 250 - 4358**
Turquoise**ArAir Mesh AA 250 - 4494**
Royal**ArAir Mesh AA 250 - 4495**
Dark Red**ArAir Mesh AA 250 - 4496**
Purple**ArAir Mesh AA 250 - 4497**
Green**ArAir Mesh AA 250 - 4498**
Sax**ArAir Mesh AA 250 - 4439**
Black**ArAir Mesh AA 250 - 4499**
Beige**ArAir Mesh AA 250 - 4502**
Orange**ArAir Mesh AA 250 - 4504**
Brown

Description: 100% polyester, 250 gr/m² 3d warp knitted air mesh fabric.

ArAir Mesh AA 250 fabric due to its 3d warp knitting structure has high suspension function.

It can be used as upholstery mesh for office furniture. Suitable for sport and military shoes.

One of the usage of ArAir Mesh AA 150 is shock aboserber in medical. Ultra comfortable bag fabric.

Technical Parameters

Name	Values	Standards
Fiber	100% Polyester (PES)	TS EN ISO 1833
Yarn	68 Denier	EN ISO 2060
Weight	250 ±5 gr/m ²	TS EN 12127
Width	1500 ±20 mm	TS EN 1773
Thickness	3 mm	BS 2544
Bursting strength	> 2000 kPa (kN/m ²)	TS EN 13938-1
Dimensional Change	-5%<Length<+5%;-5%<Width<+5%	TS EN ISO 5077
Abrasion Resistance	@50000	TS EN 530
Rubbing Fastness	4	EN ISO 105 X12
Perspiration Fastness	4-5	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C01
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	4-5	EN ISO 105 B02
pH	6.2	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Upholstery, Bag, Shoes	
Quality Management	Done	ISO 9001



150 gr/m², 100% Polyester,
Air Mesh Fabric



Sample



ArAir Mesh AA 150 - 4457
White**ArAir Mesh AA 150 - 4505**
Grey**ArAir Mesh AA 150 - 4507**
Turquoise**ArAir Mesh AA 150 - 4508**
Royal**ArAir Mesh AA 150 - 4509**
Dark Red**ArAir Mesh AA 150 - 4510**
Purple**ArAir Mesh AA 150 - 4511**
Green**ArAir Mesh AA 150 - 4512**
Sax**ArAir Mesh AA 150 - 4456**
Black**ArAir Mesh AA 150 - 4513**
Beige**ArAir Mesh AA 150 - 4516**
Orange**ArAir Mesh AA 150 - 4518**
Brown

Description: 100% polyester, 150 gr/m² 3d warp knitted air mesh fabric.

ArAir Mesh AA 150 fabric due to its 3d warp knitting structure has high suspension function.

It can be used as upholstery mesh for office furniture. Suitable for sport and military shoes.

One of the usage of ArAir Mesh AA 150 is shock aboserber in medical. Ultra confortable bag fabric.

Technical Parameters

Name	Values	Standards
Fiber	100% Polyester (PES)	TS EN ISO 1833
Yarn	68 Denier	EN ISO 2060
Weight	150 ±5 gr/m ²	TS EN 12127
Width	1500 ±20 mm	TS EN 1773
Thickness	3 mm	BS 2544
Bursting strength	> 2000 kPa (kN/m ²)	TS EN 13938-1
Dimensional Change	-5%<Length<+5%;-5%<Width<+5%	TS EN ISO 5077
Abrasion Resistance	@50000	TS EN 530
Rubbing Fastness	4	EN ISO 105 X12
Perspiration Fastness	4-5	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C01
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	4-5	EN ISO 105 B02
pH	6.2	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Upholstery, Bag, Shoes	
Quality Management	Done	ISO 9001



250 gr/m², 100% Polyester,
Hard Air Mesh Fabric



Sample



ArAir Mesh BB - 4519
White**ArAir Mesh BB - 4520**
Black**ArAir Mesh BB - 4521**
Brown

Description

100% polyester, 250 gr/m² 3d warp knitted air mesh fabric.

ArAir Mesh BB fabric due to its 3d warp knitting structure has high suspension function. It can be used as upholstery mesh for office furniture. Bulletproof vest application is possible with ArAir Mesh BB fabric. Suitable for sport and military shoes.

One of the usage of ArAir Mesh BB is shock aboserber in medical.

Ultra comfortable bag fabric.

Technical Parameters

Name	Values	Standards
Fiber	100% Polyester (PES)	TS EN ISO 1833
Yarn	68 Denier	EN ISO 2060
Weight	250 ±5 gr/m ²	TS EN 12127
Width	1500 ±20 mm	TS EN 1773
Thickness	3 mm	BS 2544
Bursting strength	> 3000 kPa (kN/m ²)	TS EN 13938-1
Dimensional Change	-5%<Length<+5%;-5%<Width<+5%	TS EN ISO 5077
Abrasion Resistance	@50000	TS EN 530
Rubbing Fastness	4	EN ISO 105 X12
Perspiration Fastness	4-5	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C01
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	4-5	EN ISO 105 B02
pH	6.2	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Upholstery, Bag, Shoes	
Quality Management	Done	ISO 9001



230 gr/m², 100% Polyester,
Air Mesh Open Structure Fabric



Sample



**ArAir Mesh Bond - 5335
White****ArAir Mesh Bond - 5336
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

100% polyester, 230 gr/m² 3d warp knitted air mesh open structure fabric.

ArAir Mesh Bond fabric due to its 3d warp knitting structure has high suspension function.

It can be used as upholstery mesh for office furniture.

Suitable for sport and military shoes.

Another application is the acoustic control panels for theatre and cinema walls.

























Technical Parameters

Name	Values	Standards
Fiber	100% Polyester (PES)	TS EN ISO 1833
Yarn	150 Denier	EN ISO 2060
Weight	230 ±5 gr/m ²	TS EN 12127
Width	1500 ±20 mm	TS EN 1773
Thickness	2 mm	BS 2544
Bursting strength	> 2000 kPa (kN/m ²)	TS EN 13938-1
Dimensional Change	-5%<Length<+5%;-5%<Width<+5%	TS EN ISO 5077
Abrasion Resistance	@50000	TS EN 530
Rubbing Fastness	4	EN ISO 105 X12
Perspiration Fastness	4-5	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C01
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	4-5	EN ISO 105 B02
pH	6.2	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Upholstery, Bag, Shoes	
Quality Management	Done	ISO 9001

Fashion Fabrics



Technical Fabrics

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

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