

Aramid

Inherent Flame Retardant Aramid Fabrics



Forest Firefighters

EN 15614



Heat and Flame Protection

EN 11612



Electrical Arc Protection

EN 61482



Antistatic

EN 1149-5



Welding Protection

EN 11611



Chemical Resistant

EN 13034



1975
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FUNCTION FOR FLEXIBLE FABRICS

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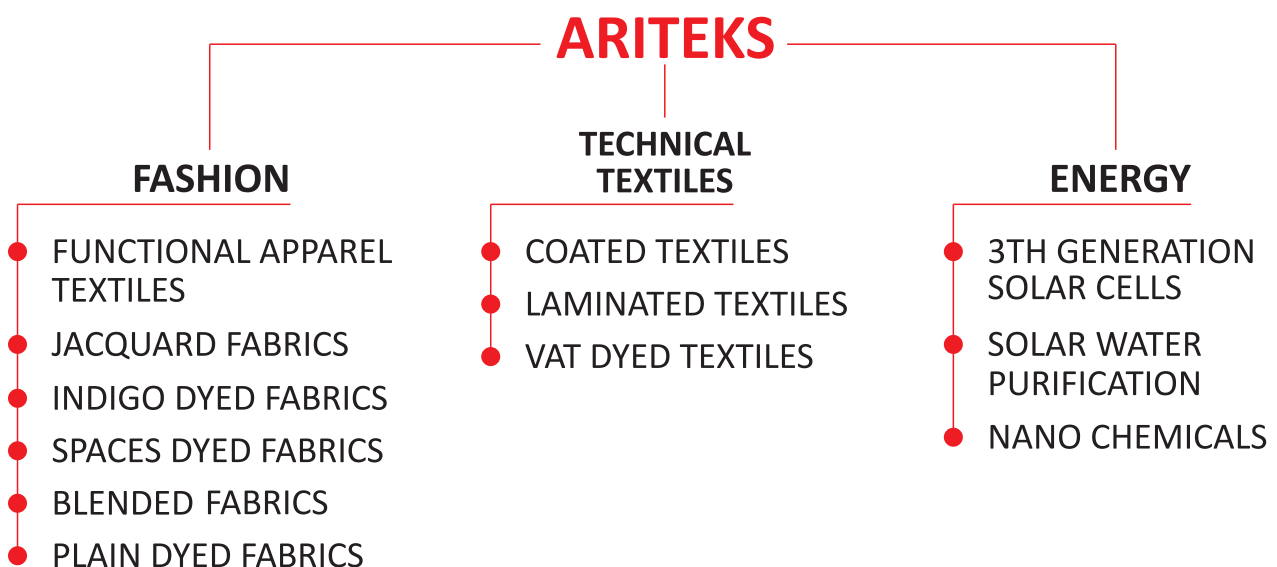
Ariteks, founded as a family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

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.



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150 gr/m², 93% m-Aramid
5% p-Aramid 2% Carbon,
Inherent Flame Retardant,
Antistatic, 1/1 Plain Fabric



Sample



**Aramid D0 150 - 5123
Orange****Aramid D0 150 - 5124
Dark Green****Aramid D0 150 - 5125
Red****Aramid D0 150 - 5126
Dark Blue****Aramid D0 150 - 5127
Black****Aramid D0 150 - 5128
Navy****Aramid D0 150 - 5129
Grey****Aramid D0 150 - 5130
Dark Navy****Aramid D0 150 - 5750
Khaki**

Description

Aramid fabric consisting of 150 gr/m², 93% m-Aramid, 5% p-Aramid, 2% Carbon.

Inherent flame retardant fabric for firefighters, military pilot costumes, oil and gas industry workers.

Inherent flame retardant fabric with EN ISO 11612 certification. Antistatic (EN 1149-5) certified.

Resistant to most industrial chemicals (EN ISO 13034).

Technical Parameters

Name	Values	Standards
Fiber	93% m-Aramid (m-AR) 5% p-Aramid (p-AR) 2% Carbon (CF)	EN ISO 2076
Yarn	Warp:40/2Ne; Weft:40/2Ne	EN ISO 2060
Weight	150 ±5 gr/m ²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>750N; Weft>600N	EN ISO 13934-1
Tear Strength	Warp>40N; 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
Peroxide Fastness	4-5	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4-5	EN ISO 105 B02
Perspiration Light Fast.	4-5	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Pilot Costumes	
Quality Management	Done	ISO 9001
Flame and Heat Protection	Yes	EN ISO 11612
Antistatic	Yes	EN ISO 1149-5
Chemical Resistant	Yes	EN ISO 13034



210 gr/m², 93% m-Aramid
5% p-Aramid 2% Carbon,
Inherent Flame Retardant,
Antistatic, 2/1S Twill Fabric



Sample



**Aramid D1 210 - 4829
Orange**



**Aramid D1 210 - 4833
Dark Green**



**Aramid D1 210 - 4834
Red**



**Aramid D1 210 - 4835
Dark Blue**



**Aramid D1 210 - 4836
Black**



**Aramid D1 210 - 4837
Navy**



**Aramid D1 210 - 4838
Grey**



**Aramid D1 210 - 4839
Dark Navy**



**Aramid D1 210 - 5749
Khaki**



Description

Aramid twill fabric consisting of 210 gr/m², 93% m-Aramid, 5% p-Aramid, 2% Carbon. Inherent flame retardant fabric for wildland firefighters, oil and gas industry workers. Inherent flame retardant fabric with EN ISO 11612 and EN ISO 11611 certification. Antistatic (EN 1149-5) certified. Protection against thermal hazards of electrical arc (EN 61482-1-2). Resistant to most industrial chemicals (EN ISO 13034).

Technical Parameters

Name	Values	Standards
Fiber	93% m-Aramid (m-AR) 5% p-Aramid (p-AR) 2% Carbon (CF)	EN ISO 2076
Yarn	Warp:30/2Ne; Weft:30/2Ne	EN ISO 2060
Weight	210 ±5 gr/m ²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1500N; Weft>1000N	EN ISO 13934-1
Tear Strength	Warp>70N; Weft>60N	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
Peroxide Fastness	4-5	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4-5	EN ISO 105 B02
Perspiration Light Fast.	4-5	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Firefighters Costumes	
Quality Management	Done	ISO 9001
Flame and Heat Protection	Yes	EN ISO 11612
Antistatic	Yes	EN ISO 1149-5
Welding Protection	Yes	EN ISO 11611
Chemical Resistant	Yes	EN ISO 13034
Arc Protection	Class 1 (4kA)	EN ISO 61482-1-2
ATPV	> 7 cal/cm ²	EN ISO 61482-1-1
Forest Firefighters	Yes	EN ISO 15614



260 gr/m², 93% m-Aramid
5% p-Aramid 2% Carbon,
Inherent Flame Retardant,
Antistatic, 3/1S Twill Fabric



Sample



**Aramid D2 260 - 4840
Orange**



**Aramid D2 260 - 4841
Dark Green**



**Aramid D2 260 - 4842
Red**



**Aramid D2 260 - 4843
Dark Blue**



**Aramid D2 260 - 4844
Black**



**Aramid D2 260 - 4845
Navy**



**Aramid D2 260 - 4846
Grey**



**Aramid D2 260 - 4847
Dark Navy**



**Aramid D2 260 - 5751
Khaki**



Description

Aramid twill fabric consisting of 260 gr/m², 93% m-Aramid, 5% p-Aramid, 2% Carbon. Inherent flame retardant fabric for wildland firefighters, oil and gas industry workers. Inherent flame retardant fabric with EN ISO 11612 and EN ISO 11611 certification. Antistatic (EN 1149-5). Protection against thermal hazards of electrical arc (EN 61482-1-2). Resistant to most industrial chemicals (EN ISO 13034).

Technical Parameters

Name	Values	Standards
Fiber	93% m-Aramid (m-AR) 5% p-Aramid (p-AR) 2% Carbon (CF)	EN ISO 2076
Yarn	Warp:30/2Ne; Weft:30/2Ne	EN ISO 2060
Weight	260 ±5 gr/m ²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1500N; Weft>1000N	EN ISO 13934-1
Tear Strength	Warp>70N; Weft>60N	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
Peroxide Fastness	4-5	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4-5	EN ISO 105 B02
Perspiration Light Fast.	4-5	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Firefighters Costumes	
Quality Management	Done	ISO 9001
Flame and Heat Protection	Yes	EN ISO 11612
Antistatic	Yes	EN ISO 1149-5
Welding Protection	Yes	EN ISO 11611
Chemical Resistant	Yes	EN ISO 13034
Arc Protection	Class 1 (4kA)	EN ISO 61482-1-2
ATPV	> 12 cal/cm ²	EN ISO 61482-1-1
Forest Firefighters	Yes	EN ISO 15614



200 gr/m², 75% m-Aramid
23% p-Aramid 2% Carbon,
Inherent Flame Retardant,
Antistatic, 2/1S Twill Fabric



Sample



Aramid D3 200 - 4848
Orange



Aramid D3 200 - 4849
Dark Green



Aramid D3 200 - 4850
Red



Aramid D3 200 - 4851
Dark Blue



Aramid D3 200 - 4852
Black



Aramid D3 200 - 4853
Navy



Aramid D3 200 - 4854
Grey



Aramid D3 200 - 4855
Dark Navy



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

Aramid twill fabric consisting of 200 gr/m², 75% m-Aramid, 23% p-Aramid, 2% Carbon.

Inherent flame retardant fabric for firefighters.

Flame resistant (Flame retardant) fabric with EN ISO 11612 certification. Antistatic (EN 1149-5).

























Technical Parameters

Name	Values	Standards
Fiber	75% m-Aramid (m-AR) 23% p-Aramid (p-AR) 2% Carbon (CF)	EN ISO 2076
Yarn	Warp:30/2Ne; Weft:30/2Ne	EN ISO 2060
Weight	200 ±5 gr/m ²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1500N; Weft>1000N	EN ISO 13934-1
Tear Strength	Warp>70N; Weft>60N	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
Peroxide Fastness	4-5	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4-5	EN ISO 105 B02
Perspiration Light Fast.	4-5	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Firefighters Costumes	
Quality Management	Done	ISO 9001
Flame and Heat Protection	Yes	EN ISO 11612
Antistatic	Yes	EN ISO 1149-5
Chemical Resistant	Yes	EN ISO 13034
Arc Protection	Class 1 (4kA)	EN ISO 61482-1-2
ATPV	> 12 cal/cm ²	EN ISO 61482-1-1
Firefighters	Yes	EN ISO 469

Fashion Fabrics



Technical Fabrics

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

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