ArWoWear

STATIC PRO SERIES

Antistatic Twill WorkWear Fabrics

EN 1149-5

Antistatic

1975
ARITEKS
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.

ARITEKS

FASHION

- FUNCTIONAL APPAREL TEXTILES
- JACQUARD FABRICS
- INDIGO DYED FABRICS
- SPACES DYED FABRICS
- BLENDED FABRICS
- PLAIN DYED FABRICS

TECHNICAL TEXTILES

- COATED TEXTILES
- LAMINATED TEXTILES
- VAT DYED TEXTILES

ENERGY

- 3TH GENERATION SOLAR CELLS
- SOLAR WATER PURIFICATION
- NANO CHEMICALS

CONTENT

1 **ArWoWear | T2 Static Pro** 4-5
245 gr/m², 99% Cotton 1% Carbon, 3/1S Twill Fabric
EN 1149-5

2 **ArWoWear | T4 Static Pro** 6-7
200 gr/m², 64% Polyester 35% Cotton 1% Carbon, 2/1S Twill Fabric
EN 1149-5

3 **ArWoWear | T5 Static Pro** 8-9
245 gr/m², 64% Polyester 35% Cotton 1% Carbon, 3/1S Twill Fabric
EN 1149-5

4 **ArWoWear | T11 Static Pro** 10-11
360 gr/m², 99% Cotton 1% Carbon, 3/1S Twill Fabric
EN 1149-5

5 **ArWoWear | T20 Static Pro** 12-13
260 gr/m², 79% Cotton 20% Polyester 1% Carbon, 3/1S Twill Fabric
EN 1149-5

6 **ArWoWear | T21 Static Pro** 14-15
330 gr/m², 79% Cotton 20% Polyester 1% Carbon, 3/1S Twill Fabric
EN 1149-5

EN 1149-5

245 gr/m², 99% Cotton
1% Carbon,
3/1S Antistatic Twill Fabric

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100

Sample

40

ArWoWear
T2 Static Pro - 5183
White

ArWoWear
T2 Static Pro - 5184
Yellow

ArWoWear
T2 Static Pro - 5185
Orange

ArWoWear
T2 Static Pro - 5186
Black

ArWoWear
T2 Static Pro - 5187
Navy

ArWoWear
T2 Static Pro - 5188
Grey

Description

ArWoWear T2 Static Pro is 245 gr/m², 99% cotton 1% carbon workwear antistatic twill fabric. It is certified for EN 1149-5 (EN 1149-3).
It is suitable to use on electronic industry where static electric formation is a problem. Gas and oil industry platform workers can also use it to prevent static electric related explosions on dangerous area.

Technical Parameters

Name	Values	Standards
Fiber	99% Cotton (CO) 1% Carbon (CF)	EN ISO 2076
Yarn	Warp:14/1Ne; Weft:14/1Ne	EN ISO 2060
Weight	245 ±5 gr/m^2	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>800N; Weft>600N	EN ISO 13934-1
Tear Strength	Warp>20N; Weft>15N	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	2-3	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C06
Dry Cleaning Fastness	4-5	EN ISO 105 D01
Hypochlorite Fastness	2-3	EN ISO 105 N01
Peroxide Fastness	3-4	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4	EN ISO 105 B02
Perspiration Light Fast.	2-3	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN 1149-5

EN 1149-5

200 gr/m², 64% Polyester
35% Cotton 1% Carbon,
2/1S Antistatic Twill Fabric

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100

Sample

40

ArWoWear
T4 Static Pro - 5221
White

ArWoWear
T4 Static Pro - 5222
Yellow

ArWoWear
T4 Static Pro - 5223
Orange

ArWoWear
T4 Static Pro - 5224
Black

ArWoWear
T4 Static Pro - 5225
Navy

ArWoWear
T4 Static Pro - 5226
Grey

Description

ArWoWear T4 Static Pro is light weight 200 gr/m², 64% Polyester 35% Cotton 1% Carbon durable workwear antistatic twill fabric. It is certified for EN 1149-5 (EN 1149-3).
It is suitable to use on electronic industry where static electric formation is a problem. Gas and oil industry platform workers can also use it to prevent static electric related explosions on dangerous area.

Technical Parameters

Name	Values	Standards
Fiber	64% Polyester (PES) 35% Cotton (CO) 1% Carbon (CF)	EN ISO 2076
Yarn	Warp:20/1Ne; Weft:20/1Ne	EN ISO 2060
Weight	200 ±5 gr/m^2	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>800N; Weft>600N	EN ISO 13934-1
Tear Strength	Warp>20N; Weft>15N	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	2-3	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C06
Dry Cleaning Fastness	4-5	EN ISO 105 D01
Hypochlorite Fastness	2-3	EN ISO 105 N01
Peroxide Fastness	3-4	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4	EN ISO 105 B02
Perspiration Light Fast.	2-3	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN 1149-5

EN 1149-5

245 gr/m², 64% Polyester
35% Cotton 1% Carbon,
3/1S Antistatic Twill Fabric

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100

Sample

40

ArWoWear
T5 Static Pro - 5227
White

ArWoWear
T5 Static Pro - 5228
Yellow

ArWoWear
T5 Static Pro - 5229
Orange

ArWoWear
T5 Static Pro - 5230
Black

ArWoWear
T5 Static Pro - 5231
Navy

ArWoWear
T5 Static Pro - 5232
Grey

Description

ArWoWear T5 Static Pro is light weight 245 gr/m², 64% Polyester 35% Cotton 1% Carbon durable antisatic workwear twill fabric. It is certified for EN 1149-5 (EN 1149-3).
It is suitable to use on electronic industry where static electric formation is a problem. Gas and oil industry platform workers can also use it to prevent static electric related explosions on dangerous area.

Technical Parameters

Name	Values	Standards
Fiber	64% Polyester (PES) 35% Cotton (CO) 1% Carbon (CF)	EN ISO 2076
Yarn	Warp:14/1Ne; Weft:14/1Ne	EN ISO 2060
Weight	245 ±5 gr/m^2	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1000N; Weft>800N	EN ISO 13934-1
Tear Strength	Warp>20N; Weft>15N	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	2-3	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C06
Dry Cleaning Fastness	4-5	EN ISO 105 D01
Hypochlorite Fastness	2-3	EN ISO 105 N01
Peroxide Fastness	3-4	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4	EN ISO 105 B02
Perspiration Light Fast.	2-3	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN 1149-5

EN 1149-5

360 gr/m², 99% Cotton
1% Carbon,
3/1S Antistatic Twill Fabric

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100

Sample

40

ArWoWear
T11 Static Pro - 5233
White

ArWoWear
T11 Static Pro - 5234
Yellow

ArWoWear
T11 Static Pro - 5235
Orange

ArWoWear
T11 Static Pro - 5236
Black

ArWoWear
T11 Static Pro - 5237
Navy

ArWoWear
T11 Static Pro - 5238
Grey

Description

ArWoWear T11 Static Pro is 360 gr/m², 99% cotton 1% carbon workwear antistatic twill fabric. It is certified for EN 1149-5 (EN 1149-3).
It is suitable to use on electronic industry where static electric formation is a problem. Gas and oil industry platform workers can also use it to prevent static electric related explosions on dangerous area.

Technical Parameters

Name	Values	Standards
Fiber	99% Cotton (CO) 1% Carbon (CF)	EN ISO 2076
Yarn	Warp:8/1Ne; Weft:8/1Ne	EN ISO 2060
Weight	360 ±10 gr/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1600N; Weft>1000N	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	2-3	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C06
Dry Cleaning Fastness	4-5	EN ISO 105 D01
Hypochlorite Fastness	2-3	EN ISO 105 N01
Peroxide Fastness	3-4	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4	EN ISO 105 B02
Perspiration Light Fast.	2-3	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN 1149-5

EN 1149-5

260 gr/m², 79% Cotton
20% Polyester 1% Carbon,
Antistatic, 3/1S Twill Fabric

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100

Sample

40

ArWoWear
T20 Static Pro - 5239
Yellow

ArWoWear
T20 Static Pro - 5240
Orange

ArWoWear
T20 Static Pro - 5241
Black

ArWoWear
T20 Static Pro - 5242
Navy

ArWoWear
T20 Static Pro - 5243
Grey

Description

ArWoWear T20 Static Pro is light weight 260 gr/m², 79% Cotton 20% Polyester 1% Carbon, vat dyed, antistatic workwear fabric. Due to carbon fibers used on the back side of the fabric it has antistatic certification (EN 1149-5). It is suitable to use on electronic industry where static electric formation is a problem. Oil and gas industry platform workers can also use it to prevent static electric related explosions on dangerous area.

Technical Parameters

Name	Values	Standards
Fiber	79% Cotton (CO) 20% Polyester (PES) 1% 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>1000N; Weft>800N	EN ISO 13934-1
Tear Strength	Warp>20N; Weft>15N	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	2-3	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C06
Dry Cleaning Fastness	4-5	EN ISO 105 D01
Hypochlorite Fastness	2-3	EN ISO 105 N01
Peroxide Fastness	3-4	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4	EN ISO 105 B02
Perspiration Light Fast.	2-3	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN 1149-5

EN 1149-5

330 gr/m², 79% Cotton
20% Polyester 1% Carbon,
Antistatic, 3/1S Twill Fabric

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100

Sample

40

ArWoWear
T21 Static Pro - 5244
Yellow

ArWoWear
T21 Static Pro - 5245
Orange

ArWoWear
T21 Static Pro - 5246
Black

ArWoWear
T21 Static Pro - 5247
Navy

ArWoWear
T21 Static Pro - 5248
Grey

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

ArWoWear T21 Static Pro is heavy weight 330 gr/m², 79% Cotton 20% Polyester 1% Carbon, vat dyed, antistatic workwear fabric. Due to carbon fibers used on the back side of the fabric it has antistatic certification (EN 1149-5). It is suitable to use on electronic industry where static electric formation is a problem. Oil and gas industry platform workers can also use it to prevent static electric related explosions on dangerous area.

Technical Parameters

Name	Values	Standards
Fiber	79% Cotton (CO) 20% Polyester (PES) 1% Carbon (CF)	EN ISO 2076
Yarn	Warp:20/2Ne; Weft:20/2Ne	EN ISO 2060
Weight	330 ±5 gr/m^2	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1200N; Weft>1000N	EN ISO 13934-1
Tear Strength	Warp>25N; Weft>20N	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	2-3	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C06
Dry Cleaning Fastness	4-5	EN ISO 105 D01
Hypochlorite Fastness	2-3	EN ISO 105 N01
Peroxide Fastness	3-4	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4	EN ISO 105 B02
Perspiration Light Fast.	2-3	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN 1149-5

1975

ARITEKS

FUNCTION FOR FLEXIBLE FABRICS

Fashion Fabrics

Technical Fabrics

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

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