ArWoWear

CHEMICAL PRO SERIES

Vat Dyed WorkWear Fabrics
Resistant to Industrial Chemicals



EN 13034

Chemical Resistant

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

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EN 13034

260 gr/m², 100% Cotton,
VAT Dyed, Chemical Resistant,
3/1S Twill Fabric

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

Sample











ArWoWear T2 Chem Pro - 4271 Orange



ArWoWear T2 Chem Pro - 4272 Dark Green



ArWoWear T2 Chem Pro - 4273 Red



ArWoWear T2 Chem Pro - 4275 Dark Blue



ArWoWear T2 Chem Pro - 4276 Black



ArWoWear T2 Chem Pro - 4291 Navy



ArWoWear T2 Chem Pro - 4293 Grey



Description

ArWowear T2 Chem Pro is light weight 260 gr/m², vat dyed, chemical resistant, 100% cotton merserized workwear fabric. It is usefull for outdoor summer working conditions.
With water and oil repellent (TS EN ISO 4920) function.
Resistant to most industrial chemicals (EN ISO 13034).

Technical Parameters

Name	Values	Standards
Fiber	100% Cotton (CO)	EN ISO 2076
Yarn	Warp:14/1Ne; Weft:14/1Ne	EN ISO 2060
Weight	260 ±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	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	6-7	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	Coveralls	
Quality Management	Done	ISO 9001
Chemical Resistant	Yes	EN ISO 13034



EN 13034

200 gr/m², 65% Polyester
35% Cotton, VAT Dyed,
Chemical Resistant,
2/1S Twill Fabric

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

Sample











ArWoWear T4 Chem Pro - 4663 Orange



ArWoWear T4 Chem Pro - 4664 Dark Green



ArWoWear T4 Chem Pro - 4665 Red



ArWoWear T4 Chem Pro - 4667 Dark Blue



ArWoWear T4 Chem Pro - 4668 Black



ArWoWear T4 Chem Pro - 4669 Navy



ArWoWear T4 Chem Pro - 4671 Grey



Description

ArWoWear T4 Chem Pro is 200 gr/m², vat dyed, 65% polyester 35% cotton merserized workwear fabric.
It is usefull for outdoor summer hard working conditions.
Water and oil repellent (TS EN ISO 4920) function.
It is resistant to most industrial chemicals (EN ISO 13034).

Technical Parameters

Name	Values	Standards
Fiber	65% Polyester (PES) 35% Cotton (CO)	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	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	6-7	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	Coveralls	
Quality Management	Done	ISO 9001
Chemical Resistant	Yes	EN ISO 13034



EN 13034

245 gr/m², 65% Polyester
35% Cotton, VAT Dyed,
Chemical Resistant,
3/1S Twill Fabric

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

Sample

60

CL

P

ArWoWear T5 Chem Pro - 4679 Orange

ArWoWear T5 Chem Pro - 4680 Dark Green

ArWoWear T5 Chem Pro - 4681 Red

ArWoWear T5 Chem Pro - 4683 Dark Blue

ArWoWear T5 Chem Pro - 4684 Black

ArWoWear T5 Chem Pro - 4685 Navy

ArWoWear T5 Chem Pro - 4687 Grey

Description

ArWowear T5 Chem Pro is light weight 245 gr/m², vat dyed, chemical resistant, 65% polyester 35% cotton merserized workwear fabric. It is usefull for outdoor summer hard working conditions.
Water and oil repellent (TS EN ISO 4920) function.
Resistant to most industrial chemicals (EN ISO 13034).

Technical Parameters

Name	Values	Standards
Fiber	65% Polyester (PES) 35% Cotton (CO)	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	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	6-7	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	Coveralls	
Quality Management	Done	ISO 9001
Chemical Resistant	Yes	EN ISO 13034



EN 13034

200 gr/m², 60% Cotton
40% Polyester, VAT Dyed,
Chemical Resistant,
2/1S Twill Fabric

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

Sample

60

CL

P

ArWoWear T6 Chem Pro - 4695 Orange

ArWoWear T6 Chem Pro - 4696 Dark Green

ArWoWear T6 Chem Pro - 4697 Red

ArWoWear T6 Chem Pro - 4699 Dark Blue

ArWoWear T6 Chem Pro - 4700 Black

ArWoWear T6 Chem Pro - 4701 Navy

ArWoWear T6 Chem Pro - 4703 Grey

Description

ArWoWear T6 Chem Pro is 200 gr/m², vat dyed, 60% cotton 40% polyester merserized workwear fabric with ultra comfort. Water and oil repellent (TS EN ISO 4920) function.
It is resistant to most industrial chemicals (EN ISO 13034).

Technical Parameters

Name	Values	Standards
Fiber	60% Cotton (CO) 40% Polyester (PES)	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	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	6-7	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	Coveralls	
Quality Management	Done	ISO 9001
Chemical Resistant	Yes	EN ISO 13034



EN 13034

245 gr/m², 60% Cotton
40% Polyester, VAT Dyed,
Chemical Resistant,
3/1S Twill Fabric

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

Sample

60

CL

P

ArWoWear T7 Chem Pro - 4711 Orange



ArWoWear T7 Chem Pro - 4712 Dark Green



ArWoWear T7 Chem Pro - 4713 Red



ArWoWear T7 Chem Pro - 4715 Dark Blue



ArWoWear T7 Chem Pro - 4716 Black



ArWoWear T7 Chem Pro - 4717 Navy



ArWoWear T7 Chem Pro - 4719 Grey



Description

ArWoWear T7 Chem Pro is 245 gr/m², vat dyed, 60% cotton 40% polyester merserized workwear fabric with ultra comfort. Water and oil repellent (TS EN ISO 4920) function.
It is resistant to most industrial chemicals (EN ISO 13034).

Technical Parameters

Name	Values	Standards
Fiber	60% Cotton (CO) 40% Polyester (PES)	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	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	6-7	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	Coveralls	
Quality Management	Done	ISO 9001
Chemical Resistant	Yes	EN ISO 13034



EN 13034

360 gr/m², 100% Cotton,
Vat Dyed, Chemical Resistant,
3/1S Twill Fabric

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

Sample

60

CL

P

ArWoWear T11 Chem Pro - 4282 Orange



ArWoWear T11 Chem Pro - 4283 Dark Green



ArWoWear T11 Chem Pro - 4284 Red



ArWoWear T11 Chem Pro - 4286 Dark Blue



ArWoWear T11 Chem Pro - 4287 Black



ArWoWear T11 Chem Pro - 4295 Navy



ArWoWear T11 Chem Pro - 4297 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 T11 Chem Pro is heavy weight 360 gr/m², vat dyed, chemical resistant, 100% cotton merserized workwear fabric. It is usefull for outdoor winter working conditions.
With water and oil repellent (TS EN ISO 4920) function.
Resistant to most industrial chemicals (EN ISO 13034).

Technical Parameters

Name	Values	Standards
Fiber	100% Cotton (CO)	EN ISO 2076
Yarn	Warp:8/1Ne; Weft:8/1Ne	EN ISO 2060
Weight	360 ±5 gr/m^2	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	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	6-7	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	Coveralls	
Quality Management	Done	ISO 9001
Chemical Resistant	Yes	EN ISO 13034

1975

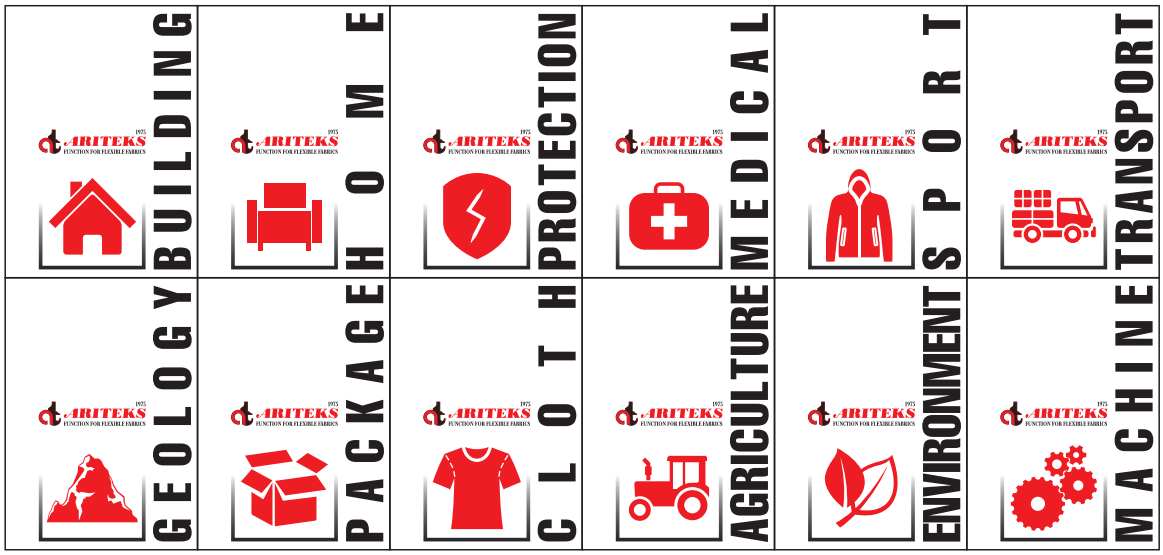
ARITEKS

FUNCTION FOR FLEXIBLE FABRICS

Fashion Fabrics



Technical Fabrics



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