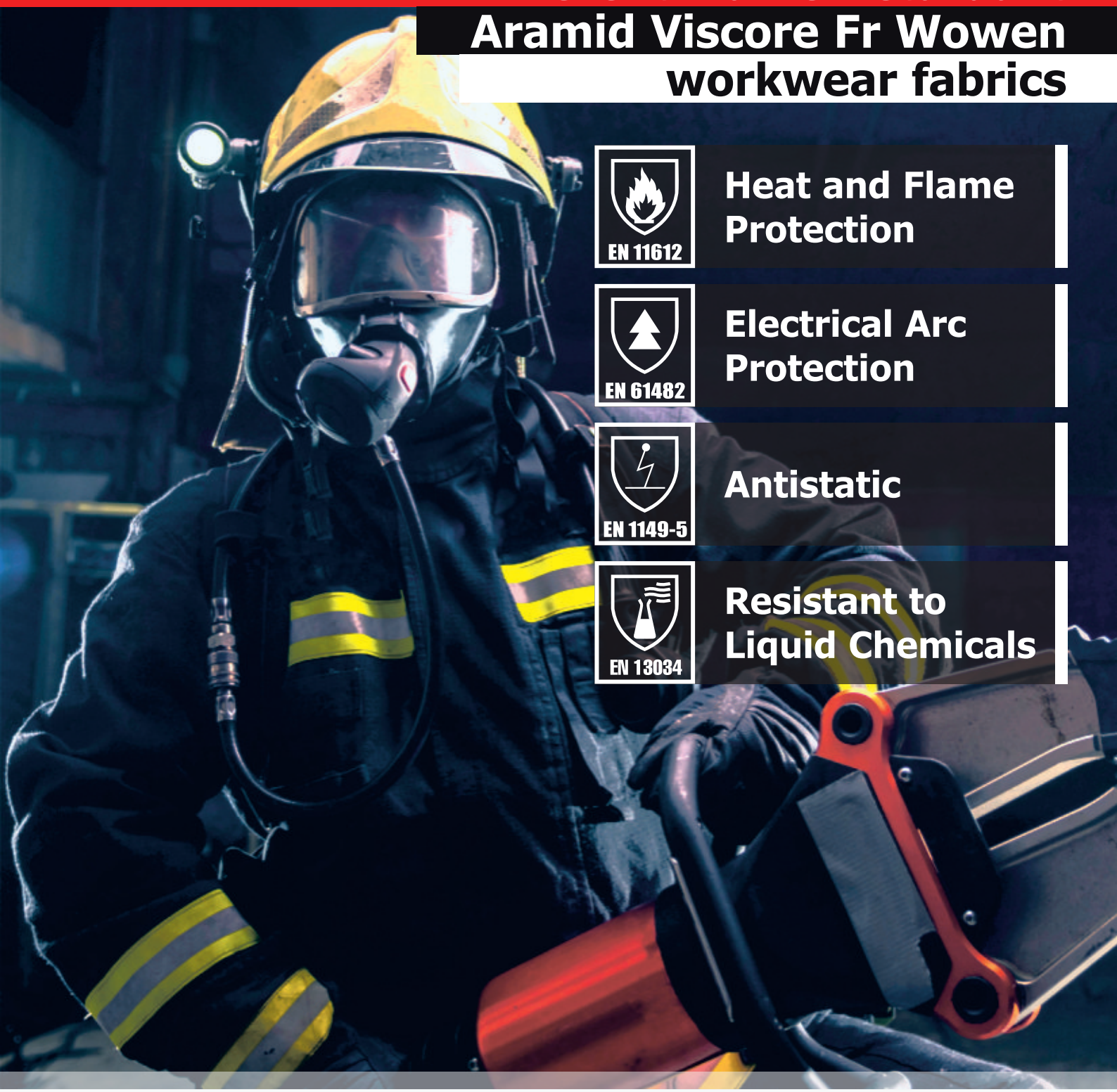
AramidViscose

Inherent Flame Retardant
Aramid Viscore Fr Wowen workwear fabrics



- EN 11612 — Heat and Flame Protection
- EN 61482 — Electrical Arc Protection
- EN 1149-5 — Antistatic
- EN 13034 — Resistant to Liquid Chemicals

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 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

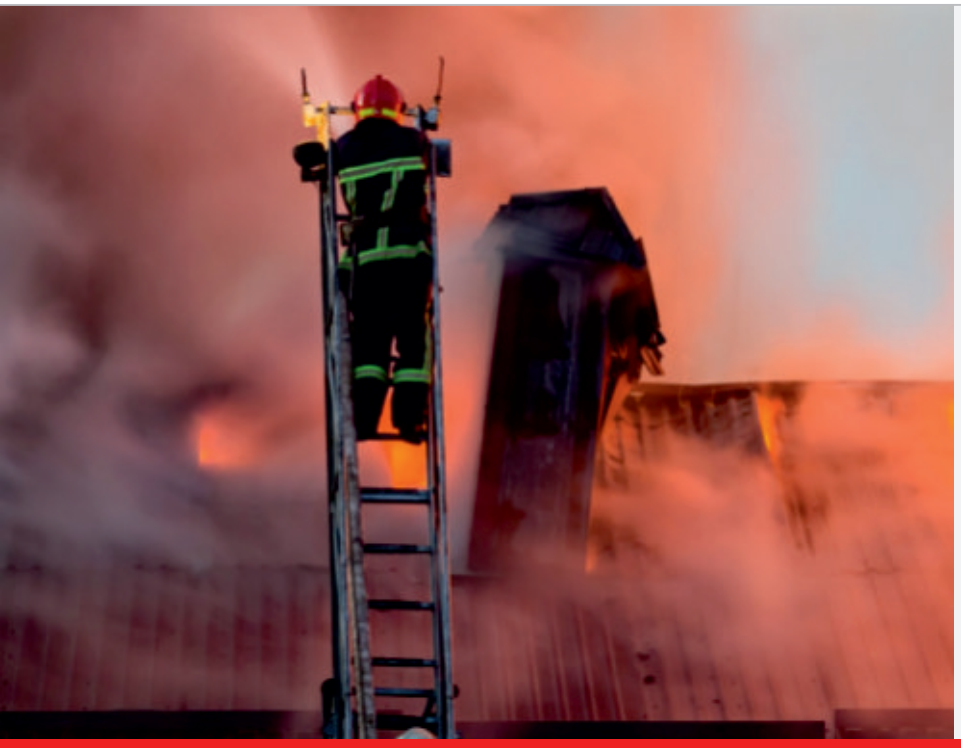
TECHNICAL TEXTILES

- COATED TEXTILES
- LAMINATED TEXTILES
- VAT DYED TEXTILES

ENERGY

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

CONTENT



EN 11612 EN 1149-5 EN 13034

150 gr/m², 53% Viscose Fr
40% m-Aramid 5% p-Aramid
2% Carbon, Inherent Flame
Retardant, Antistatic,
1/1 Plain Fabric

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

Sample

Aramid Vis 150 - 5534
Navy

Aramid Vis 150 - 5853
Grey

Description

Aramid Viscose Fr blend fabric consisting of 150 gr/m², 53% Viscose Fr 40% m-Aramid, 5% p-Aramid, 2% Carbon. Inherent flame retardant fabric for firefighters cloth inside lining, oil and gas industry workers. With high contect of Viscose Fr fiber, the fabric is ultra comfortable to wear and and absorb sweat. 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	53% Viscose Fr (CV FR) 40% 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	4.0-7.5	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

EN 11612 EN 1149-5 EN 61482 EN 13034

250 gr/m², 53% Viscose Fr
40% m-Aramid 5% p-Aramid
2% Carbon, Inherent Flame
Retardant, Antistatic,
3/1S Twill Fabric

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

Sample

Aramid Vis 250 - 5854
Navy

Aramid Vis 250 - 5855
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

Aramid Viscose Fr twill fabric consisting of 250 gr/m², 53% Visicose Fr, 40% m-Aramid, 5% p-Aramid, 2% Carbon. Inherent flame retardant fabric for oil and gas industry workers. With viscose fr content is suitable to use in outdoor very hot climates. Inherent flame retardant fabric with EN ISO 11612 certification. Antistatic (EN 1149-3). 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	53% Viscose Fr (CV FR) 40% 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	250 ±10 gr/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>1200N; Weft>1000N	EN ISO 13934-1
Tear Strength	Warp>60N; Weft>50N	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	4.0-7.5	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	> 8 cal/cm²	EN ISO 61482-1-1

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ARITEKS

FUNCTIONAL TECHNICAL FABRICS

Fashion Fabrics

Technical Fabrics

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

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