WORK WEAR

FABRIC CATALOGUE

FLAME+ARC PRO SERIES



Flame retardant.
Antistatic.
Made for work.

VAT dyed workwear fabrics

Resistant to up to

100

washes

HEAT & FLAME / WELDING / ELECTRICAL ARC / ANTISTATIC

Work Wear

COMPANY PROFILE

Textile expertise

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

By continuously developing high-end technologies, it provides solutions for apparel, protective workwear, functional sport, medical wear, and technical textiles in construction and transportation.

As a pioneer in special dyeing methods including indigo, vat and space-dye, as well as coating and laminating systems, the company produces high-quality fabrics for international and domestic markets.

The company uses clean and renewable energy resources and minimises water consumption through continuously optimised systems.

With 4000 m² of facilities and 12 separate in-house R&D laboratories, the company spends 5% of its budget on research and the development of future technologies. Research focuses especially on third-generation solar cells on flexible fabrics and biosensing textiles.

FASHION

- Functional apparel textiles
- Jacquard fabrics
- Indigo dyed fabrics
- Space-dyed fabrics
- Blended dyed fabrics
- Plain dyed fabrics

TECHNICAL TEXTILES

- Coated textiles
- Laminated textiles
- Vat dyed textiles

ENERGY

- Third-generation solar cells
- Solar water purification
- Nano chemicals

Work Wear

PRODUCT INDEX

The collection

T0 **Work Wear T0 Flame+Arc Pro** 04

150 g/m² · 99% Cotton / 1% Carbon
1/1 Plain Fabric · VAT dyed · Antistatic

T1 **Work Wear T1 Flame+Arc Pro** 05

220 g/m² · 99% Cotton / 1% Carbon
2/1S Twill Fabric · VAT dyed · Antistatic

T2 **Work Wear T2 Flame+Arc Pro** 06

260 g/m² · 99% Cotton / 1% Carbon
3/1S Twill Fabric · VAT dyed · Antistatic

T11 **Work Wear T11 Flame+Arc Pro** 07

360 g/m² · 99% Cotton / 1% Carbon
3/1S Twill Fabric · VAT dyed · Antistatic

T20 **Work Wear T20 Flame+Arc Pro** 08

260 g/m² · 79% Cotton / 20% Polyester / 1% Carbon
3/1S Twill Fabric · VAT dyed · Antistatic

T21 **Work Wear T21 Flame+Arc Pro** 09

330 g/m² · 79% Cotton / 20% Polyester / 1% Carbon
3/1S Twill Fabric · VAT dyed · Antistatic

T30 **Work Wear T30 Flame+Arc Pro** 10

260 g/m² · 89% Cotton / 10% Polyamide / 1% Carbon
3/1S Twill Fabric · VAT dyed · Antistatic

T31 **Work Wear T31 Flame+Arc Pro** 11

330 g/m² · 89% Cotton / 10% Polyamide / 1% Carbon
3/1S Twill Fabric · VAT dyed · Antistatic

Work Wear

FLAME+ARC PRO SERIES

T0 Flame+Arc Pro

DESCRIPTION

Work Wear T0 Flame+Arc Pro is a 150 g/m², 99% cotton / 1% carbon, vat dyed, flame retardant, antistatic shirt fabric. It has flame retardant function with EN ISO 11612 certification. Carbon fibres on the back side of the fabric provide antistatic certification (EN 1149-5). It is durable up to 100 washes.

TECHNICAL PARAMETERS

Name	Values	Standards
Fiber	99% Cotton (CO) 1% Carbon (CF)	EN ISO 2076
Yarn	Warp: 60/2 Ne Weft: 60/2 Ne	EN ISO 2060
Weight	150 ±10 g/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp >400 N; Weft >300 N	EN ISO 13934-2
Tear Strength	Warp >20 N; Weft >15 N	EN ISO 13937-1
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	Flame Retardant Shirt	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN ISO 1149
Flame and Heat Protection	Yes	EN ISO 11612

FABRIC PROFILE

150 g/m²

99% Cotton / 1% Carbon

1/1 Plain Fabric
VAT dyed · Flame retardant
Antistatic · 100 wash resistant

PROTECTION STANDARDS

Antistatic	EN 1149-3
Heat & flame	EN 11612

CARE INSTRUCTIONS

- 60°C machine wash
- Chlorine based bleaching
- Tumble dry on low heat
- Warm iron, maximum 150°C
- Suitable for dry cleaning

Tested for harmful substances according to Oeko-Tex Standard 100

COLOUR OPTIONS

Work Wear T0
5344 Navy



Work Wear T0
5345 White



Work Wear

FLAME+ARC PRO SERIES

T1 Flame+Arc Pro

DESCRIPTION

Work Wear T1 Flame+Arc Pro is a lightweight 220 g/m², 99% cotton / 1% carbon, vat dyed, flame retardant, antistatic workwear fabric. It has flame retardant function with EN ISO 11612 and EN ISO 11611 certification. Carbon fibres on the back side of the fabric provide antistatic certification (EN 1149-5). Protection against thermal hazards of electrical arc: EN 61482-1-2. It is durable up to 100 washes.

TECHNICAL PARAMETERS

Name	Values	Standards
Fiber	99% Cotton (CO) 1% Carbon (CF)	EN ISO 2076
Yarn	Warp: 20/1 Ne Weft: 20/1 Ne	EN ISO 2060
Weight	260 ±5 g/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp >400 N; Weft >300 N	EN ISO 13934-2
Tear Strength	Warp >20 N; Weft >15 N	EN ISO 13937-1
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	Flame Retardant Antistatic Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN ISO 1149
Flame and Heat Protection	Yes	EN ISO 11612
Arc Protection	Yes	EN ISO 61482

Source weight note: The overview and description state 220 g/m²; the original technical table states 260 ±5 g/m². Both source values are retained.

FABRIC PROFILE

220 g/m²

99% Cotton / 1% Carbon

2/1S Twill Fabric
VAT dyed · Flame retardant
Antistatic · 100 wash resistant

PROTECTION STANDARDS

Antistatic	EN 1149-3
Heat & flame	EN 11612
Electrical arc	EN 61482

CARE INSTRUCTIONS



60°C machine wash



Chlorine based bleaching


Tumble dry on low heat


Warm iron, maximum 150°C



Suitable for dry cleaning

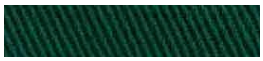
Tested for harmful substances according to Oeko-Tex Standard 100

COLOUR OPTIONS

Work Wear T1
5337 Orange



Work Wear T1
5338 Dark Green



Work Wear T1
5339 Red



Work Wear T1
5340 Dark Blue



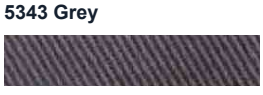
Work Wear T1
5341 Black



Work Wear T1
5342 Navy



Work Wear T1
5343 Grey



Work Wear

FLAME+ARC PRO SERIES

T2 Flame+Arc Pro

DESCRIPTION

Work Wear T2 Flame+Arc Pro is a lightweight 260 g/m², 99% cotton / 1% carbon, vat dyed, flame retardant, antistatic workwear fabric. It has flame retardant function with EN ISO 11612 and EN ISO 11611 certification. Carbon fibres on the back side of the fabric provide antistatic certification (EN 1149-5). Protection against thermal hazards of electrical arc: EN 61482-1-2. It is durable up to 100 washes.

TECHNICAL PARAMETERS

Name	Values	Standards
Fiber	99% Cotton (CO) 1% Carbon (CF)	EN ISO 2076
Yarn	Warp: 16/1 Ne Weft: 12/1 Ne	EN ISO 2060
Weight	260 ±5 g/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp >400 N; Weft >300 N	EN ISO 13934-2
Tear Strength	Warp >20 N; Weft >15 N	EN ISO 13937-1
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	Flame Retardant Antistatic Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN ISO 1149
Flame and Heat Protection	Yes	EN ISO 11612
Arc Protection	Yes	EN ISO 61482
Welding Protection	Yes	EN ISO 11611

FABRIC PROFILE

260 g/m²

99% Cotton / 1% Carbon

3/1S Twill Fabric
VAT dyed · Flame retardant
Antistatic · 100 wash resistant

PROTECTION STANDARDS

Antistatic	EN 1149-3
Heat & flame	EN 11612
Electrical arc	EN 61482
Welding	EN 11611

CARE INSTRUCTIONS



60°C machine wash



Chlorine based bleaching


Tumble dry on low heat


Warm iron, maximum 150°C



Suitable for dry cleaning

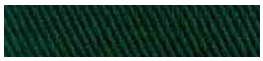
Tested for harmful substances
according to Oeko-Tex Standard 100

COLOUR OPTIONS

Work Wear T2
4422 Orange



Work Wear T2
4423 Dark Green



Work Wear T2
4424 Red



Work Wear T2
4425 Dark Blue



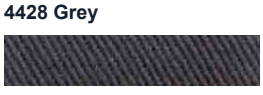
Work Wear T2
4426 Black



Work Wear T2
4427 Navy



Work Wear T2
4428 Grey



Work Wear

FLAME+ARC PRO SERIES

T11 Flame+Arc Pro

DESCRIPTION

Work Wear T11 Flame+Arc Pro is a heavyweight 360 g/m², 99% cotton / 1% carbon, vat dyed, flame retardant, antistatic workwear fabric. It has flame retardant function with EN ISO 11612 and EN ISO 11611 certification. Carbon fibres on the back side of the fabric provide antistatic certification (EN 1149-5). Protection against thermal hazards of electrical arc: EN 61482-1-2. It is durable up to 100 washes.

TECHNICAL PARAMETERS

Name	Values	Standards
Fiber	99% Cotton (CO) 1% Carbon (CF)	EN ISO 2076
Yarn	Warp: 10/1 Ne Weft: 10/1 Ne	EN ISO 2060
Weight	360 ±5 g/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp >1000 N; Weft >750 N	EN ISO 13934-2
Tear Strength	Warp >30 N; Weft >25 N	EN ISO 13937-1
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	Flame Retardant Antistatic Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN ISO 1149
Flame and Heat Protection	Yes	EN ISO 11612
Arc Protection	Yes	EN ISO 61482
Welding Protection	Yes	EN ISO 11611

FABRIC PROFILE

360 g/m²

99% Cotton / 1% Carbon

3/1S Twill Fabric
VAT dyed · Flame retardant
Antistatic · 100 wash resistant

PROTECTION STANDARDS

Antistatic	EN 1149-3
Heat & flame	EN 11612
Electrical arc	EN 61482
Welding	EN 11611

CARE INSTRUCTIONS



60°C machine wash



Chlorine based bleaching


Tumble dry on low heat


Warm iron, maximum 150°C



Suitable for dry cleaning

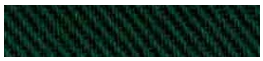
Tested for harmful substances according to Oeko-Tex Standard 100

COLOUR OPTIONS

Work Wear T11
4429 Orange



Work Wear T11
4430 Dark Green



Work Wear T11
4431 Red



Work Wear T11
4432 Dark Blue



Work Wear T11
4433 Black



Work Wear T11
4434 Navy



Work Wear T11
4435 Grey



Work Wear

FLAME+ARC PRO SERIES

T20 Flame+Arc Pro

DESCRIPTION

Work Wear T20 Flame+Arc Pro is a lightweight 260 g/m², 79% cotton / 20% polyester / 1% carbon, vat dyed, flame retardant, antistatic workwear fabric. It has flame retardant function with EN ISO 11612 and EN ISO 11611 certification. Carbon fibres on the back side of the fabric provide antistatic certification (EN 1149-5). Protection against thermal hazards of electrical arc: EN 61482-1-2. It is durable up to 100 washes.

TECHNICAL PARAMETERS

Name	Values	Standards
Fiber	79% Cotton (CO) 20% Polyester / 1% Carbon (CF)	EN ISO 2076
Yarn	Warp: 10/1 Ne Weft: 10/1 Ne	EN ISO 2060
Weight	360 ±5 g/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp >1000 N; Weft >750 N	EN ISO 13934-2
Tear Strength	Warp >30 N; Weft >25 N	EN ISO 13937-1
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	Flame Retardant Antistatic Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN ISO 1149
Flame and Heat Protection	Yes	EN ISO 11612
Arc Protection	Yes	EN ISO 61482
Welding Protection	Yes	EN ISO 11611

Source weight note: The overview and description state 260 g/m²; the original technical table states 360 ±5 g/m². Both source values are retained.

FABRIC PROFILE

260 g/m²

79% Cotton / 20% Polyester / 1% Carbon

3/1S Twill Fabric
VAT dyed · Flame retardant
Antistatic · 100 wash resistant

PROTECTION STANDARDS

Antistatic	EN 1149-3
Heat & flame	EN 11612
Electrical arc	EN 61482
Welding	EN 11611

CARE INSTRUCTIONS

- 60°C machine wash
- Chlorine based bleaching
- Tumble dry on low heat
- Warm iron, maximum 150°C
- Suitable for dry cleaning

Tested for harmful substances according to Oeko-Tex Standard 100

COLOUR OPTIONS

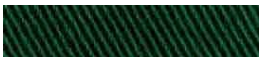
Work Wear T20
4762 Yellow



Work Wear T20
4763 Orange



Work Wear T20
4764 Dark Green



Work Wear T20
4765 Red



Work Wear T20
4766 Dark Blue



Work Wear T20
4767 Black



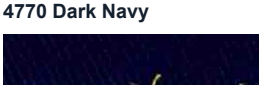
Work Wear T20
4768 Navy



Work Wear T20
4769 Grey



Work Wear T20
4770 Dark Navy



Work Wear T20
4771 Khaki



Work Wear

FLAME+ARC PRO SERIES

T21 Flame+Arc Pro

DESCRIPTION

Work Wear T21 Flame+Arc Pro is a lightweight 330 g/m², 79% cotton / 20% polyester / 1% carbon, vat dyed, flame retardant, antistatic workwear fabric. It has flame retardant function with EN ISO 11612 and EN ISO 11611 certification. Carbon fibres on the back side of the fabric provide antistatic certification (EN 1149-5). Protection against thermal hazards of electrical arc: EN 61482-1-2. It is durable up to 100 washes.

TECHNICAL PARAMETERS

Name	Values	Standards
Fiber	79% Cotton (CO) 20% Polyester / 1% Carbon (CF)	EN ISO 2076
Yarn	Warp: 30/2 Ne Weft: 30/2 Ne	EN ISO 2060
Weight	330 ±5 g/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp >400 N; Weft >300 N	EN ISO 13934-2
Tear Strength	Warp >20 N; Weft >15 N	EN ISO 13937-1
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	Flame Retardant Antistatic Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN ISO 1149
Flame and Heat Protection	Yes	EN ISO 11612
Arc Protection	Yes	EN ISO 61482
Welding Protection	Yes	EN ISO 11611

FABRIC PROFILE

330 g/m²

79% Cotton / 20% Polyester / 1% Carbon

3/1S Twill Fabric
VAT dyed · Flame retardant
Antistatic · 100 wash resistant

PROTECTION STANDARDS

Antistatic	EN 1149-3
Heat & flame	EN 11612
Electrical arc	EN 61482
Welding	EN 11611

CARE INSTRUCTIONS

- 60°C machine wash
- Chlorine based bleaching
- Tumble dry on low heat
- Warm iron, maximum 150°C
- Suitable for dry cleaning

Tested for harmful substances according to Oeko-Tex Standard 100

COLOUR OPTIONS

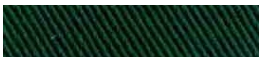
Work Wear T21
4772 Yellow



Work Wear T21
4773 Orange



Work Wear T21
4774 Dark Green



Work Wear T21
4775 Red



Work Wear T21
4776 Dark Blue



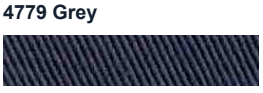
Work Wear T21
4777 Black



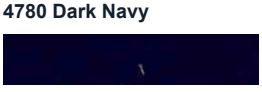
Work Wear T21
4778 Navy



Work Wear T21
4779 Grey



Work Wear T21
4780 Dark Navy



Work Wear T21
4781 Khaki



Work Wear

FLAME+ARC PRO SERIES

T30 Flame+Arc Pro

DESCRIPTION

Work Wear T30 Flame+Arc Pro is a lightweight 260 g/m², 89% cotton / 10% polyamide / 1% carbon, vat dyed, flame retardant, antistatic workwear fabric. It has flame retardant function with EN ISO 11612 and EN ISO 11611 certification. Carbon fibres on the back side of the fabric provide antistatic certification (EN 1149-5). Protection against thermal hazards of electrical arc: EN 61482-1-2. It is durable up to 100 washes.

TECHNICAL PARAMETERS

Name	Values	Standards
Fiber	89% Cotton (CO) 10% Polyamide (PA) / 1% Carbon (CF)	EN ISO 2076
Yarn	Warp: 30/2 Ne Weft: 30/2 Ne	EN ISO 2060
Weight	260 ±5 g/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp >400 N; Weft >300 N	EN ISO 13934-2
Tear Strength	Warp >20 N; Weft >15 N	EN ISO 13937-1
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	Flame Retardant Antistatic Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN ISO 1149
Flame and Heat Protection	Yes	EN ISO 11612
Arc Protection	Yes	EN ISO 61482
Welding Protection	Yes	EN ISO 11611

FABRIC PROFILE

260 g/m²

89% Cotton / 10% Polyamide / 1% Carbon

3/1S Twill Fabric
VAT dyed · Flame retardant
Antistatic · 100 wash resistant

PROTECTION STANDARDS

Antistatic	EN 1149-3
Heat & flame	EN 11612
Electrical arc	EN 61482
Welding	EN 11611

CARE INSTRUCTIONS



60°C machine wash



Chlorine based bleaching


Tumble dry on low heat


Warm iron, maximum 150°C



Suitable for dry cleaning

Tested for harmful substances according to Oeko-Tex Standard 100

COLOUR OPTIONS

Work Wear T30
4782 Yellow



Work Wear T30
4783 Orange



Work Wear T30
4784 Dark Green



Work Wear T30
4785 Red



Work Wear T30
4786 Dark Blue



Work Wear T30
4787 Black



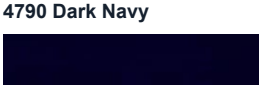
Work Wear T30
4788 Navy



Work Wear T30
4789 Grey



Work Wear T30
4790 Dark Navy



Work Wear T30
4791 Khaki



Work Wear

FLAME+ARC PRO SERIES

T31 Flame+Arc Pro

DESCRIPTION

Work Wear T31 Flame+Arc Pro is a lightweight 330 g/m², 89% cotton / 10% polyamide / 1% carbon, vat dyed, flame retardant, antistatic workwear fabric. It has flame retardant function with EN ISO 11612 and EN ISO 11611 certification. Carbon fibres on the back side of the fabric provide antistatic certification (EN 1149-5). Protection against thermal hazards of electrical arc: EN 61482-1-2. It is durable up to 100 washes.

TECHNICAL PARAMETERS

Name	Values	Standards
Fiber	89% Cotton (CO) 10% Polyamide (PA) / 1% Carbon (CF)	EN ISO 2076
Yarn	Warp: 30/2 Ne Weft: 30/2 Ne	EN ISO 2060
Weight	330 ±5 g/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp >1000 N; Weft >750 N	EN ISO 13934-2
Tear Strength	Warp >30 N; Weft >25 N	EN ISO 13937-1
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	Flame Retardant Antistatic Coveralls	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN ISO 1149
Flame and Heat Protection	Yes	EN ISO 11612
Arc Protection	Yes	EN ISO 61482
Welding Protection	Yes	EN ISO 11611

FABRIC PROFILE

330 g/m²

89% Cotton / 10% Polyamide / 1% Carbon

3/1S Twill Fabric
VAT dyed · Flame retardant
Antistatic · 100 wash resistant

PROTECTION STANDARDS

Antistatic	EN 1149-3
Heat & flame	EN 11612
Electrical arc	EN 61482
Welding	EN 11611

CARE INSTRUCTIONS



60°C machine wash



Chlorine based bleaching


Tumble dry on low heat


Warm iron, maximum 150°C



Suitable for dry cleaning

Tested for harmful substances according to Oeko-Tex Standard 100

COLOUR OPTIONS

Work Wear T31
4792 Yellow



Work Wear T31
4793 Orange



Work Wear T31
4794 Dark Green



Work Wear T31
4795 Red



Work Wear T31
4796 Dark Blue



Work Wear T31
4797 Black



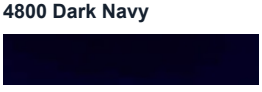
Work Wear T31
4798 Navy



Work Wear T31
4799 Grey



Work Wear T31
4800 Dark Navy



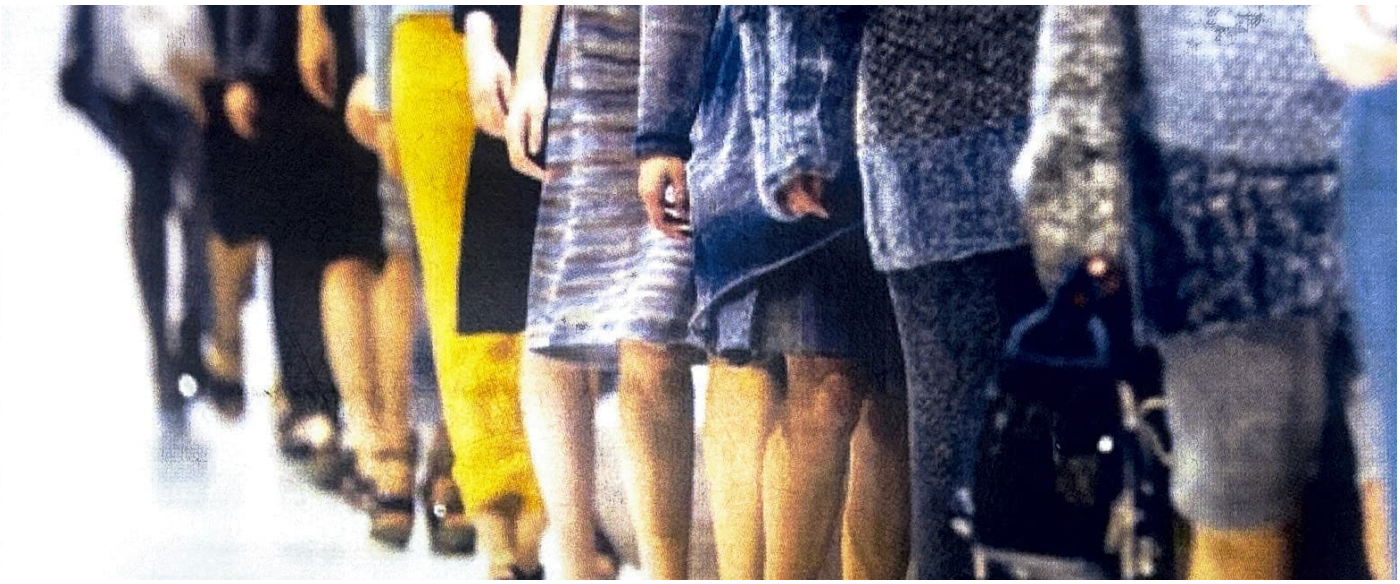
Work Wear T31
4801 Khaki



Work Wear

TEXTILE APPLICATIONS

Fashion & technical textiles



TECHNICAL TEXTILES

Building	**Home**	**Protection**
Medical	**Sport**	**Transport**
Geology	**Packaging**	**Clothing**
Agriculture	**Environment**	**Machinery**

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The technical data in this guide is given for information and was correct at the time of design. It may be changed without prior notice.