

---

# Fabric Range

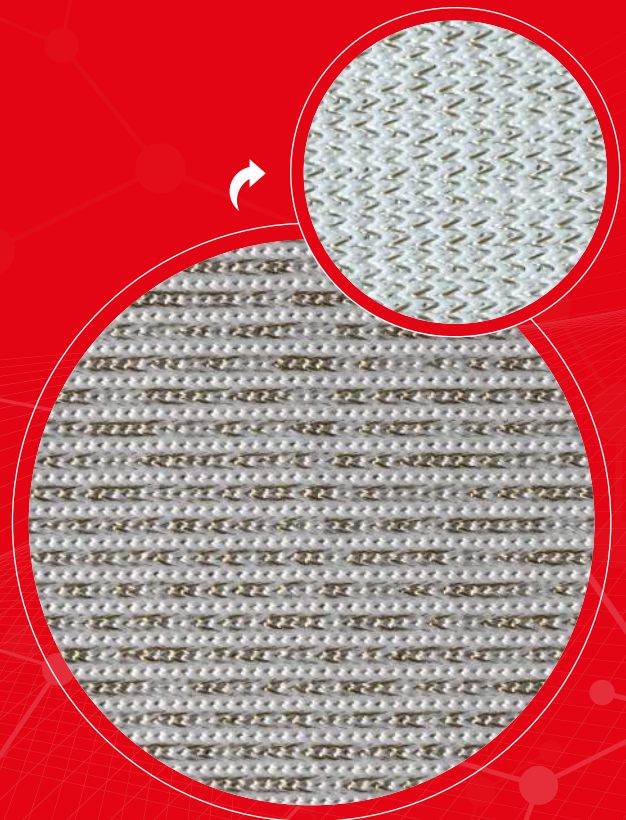
---

- Kozane® ORIGINAL
- Kozane® PRO
- Kozane® EXTREME
- Kozane® AQUA
- Kozane® PYRO
- Kozane® INVICTA

# Kozane® Original Double-Sided

Art. no. 500.1100

Initially designed as a lining for Granberg gloves, this economical fabric offers maximum cut, tear and puncture resistance on both sides.



EN 388:2016 6.1 Abrasion	Level 4
EN 388:2016 6.2 Blade cut resistance	Level X*
EN 388:2016 6.4 Tear resistance	Level 4
EN 388:2016 6.5 Puncture resistance	Level 4
EN 388:2016 6.3 Cut resistance method (EN ISO 13997:1999)	Level F






HOSDB (Home Office) approved Slash Resistant Material for Police protective equipment: <http://ped-cast.homeoffice.gov.uk/index.php/search/result/412>

\*x stands for not tested. As per clause 6.2.6 of EN 388:2016 for materials dulling the blades, if after the first sequence the number of cycles Cn+1 is greater than 3 times Cn in one of the tested specimen, the EN ISO 13997:1999 Cut resistance method as per clause 6.3 shall be performed and this method becomes the reference test method for the assessment of the protection against cut risks.

PATENT PENDING

## Applications:

- ☒ Cut-resistant lining for gloves
- ☒ Cut-resistant body armour covers
- ☒ Slash-resistant clothing
- ☒ Anti-theft bags, luggage and upholstery
- ☒ Motorcycle, outdoor or sports apparel

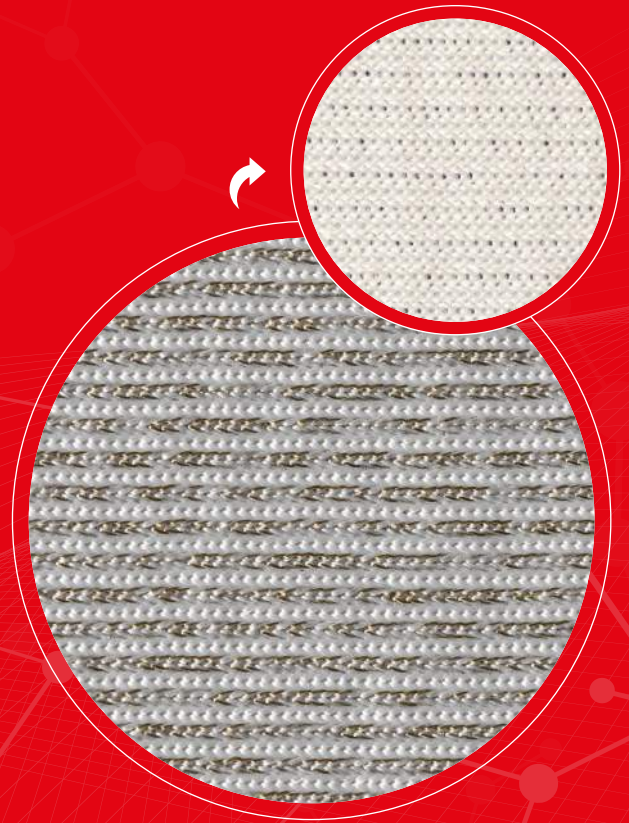
Weight / surface density	620g/m <sup>2</sup>
Roll width	1.75m
Roll length	18m
Colour	White (can be made available in black)
Notes	Can be laminated – please see article number 500.3900
Safety and care instructions	    



# Kozane<sup>®</sup> Original

Art. no. 500.2100

Initially designed as a lining for Granberg gloves, Kozane<sup>®</sup> Original offers maximum cut, tear and puncture resistance. This unique three-dimensional knitted fabric combines a high-performance top layer with a soft polyester bottom layer for optimum comfort and protection. Unlike other leading brands, Kozane<sup>®</sup> Original is suitable for use in direct contact with food.








EN 388:2016 6.1 Abrasion	Level 3
EN 388:2016 6.2 Blade cut resistance	Level X*
EN 388:2016 6.4 Tear resistance	Level 4
EN 388:2016 6.5 Puncture resistance	Level 4
EN 388:2016 6.3 Cut resistance method (EN ISO 13997:1999)	Level F
ANSI ASTM F2992-15	Cut A5 (Cut Score: 2,512g)

\*x stands for not tested. As per clause 6.2.6 of EN 388:2016 for materials dulling the blades, if after the first sequence the number of cycles Cn+1 is greater than 3 times Cn in one of the tested specimen, the EN ISO 13997:1999 Cut resistance method as per clause 6.3 shall be performed and this method becomes the reference test method for the assessment of the protection against cut risks.

PATENT PENDING

## Applications:

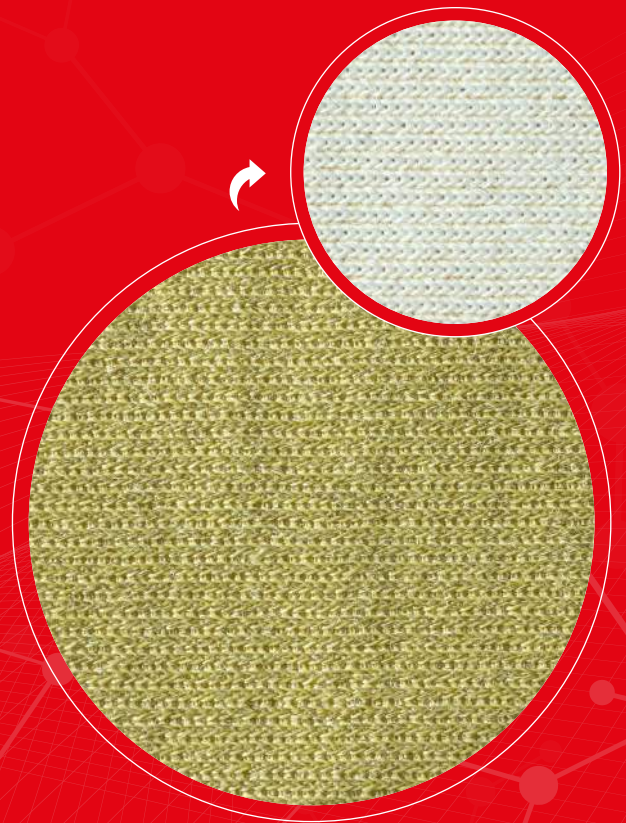
- ☒ Cut-resistant lining for gloves
- ☒ Cut-resistant body armour covers
- ☒ Slash-resistant clothing
- ☒ Anti-theft bags, luggage and upholstery
- ☒ Motorcycle, outdoor or sports apparel

Weight / surface density	470g/m <sup>2</sup>
Roll width	1.77m
Roll length	18m
Colour	White (can be made available in black)
Notes	Can be laminated – please see article number 500.3800
Safety and care instructions	    

# Kozane® Pyro

Art. no. 500.2009

Originally designed as a lining for Granberg gloves, Kozane® Pyro's unique composition offers outstanding cut and heat resistance. This exceptional three-dimensional knitted fabric combines a high-performance top layer with a soft, FR bottom layer for optimum comfort and protection.



EN 388:2016 6.1 Abrasion	Level 3
EN 388:2016 6.2 Blade cut resistance	Level X*
EN 388:2016 6.4 Tear resistance	Level 4
EN 388:2016 6.5 Puncture resistance	Level 1
EN 388:2016 6.3 Cut resistance method (EN ISO 13997:1999)	Level F
EN 407:2004 Clause 5.2 Contact Heat	Level 1 (100°C ≥ 15 seconds)

\*x stands for not tested. As per clause 6.2.6 of EN 388:2016 for materials dulling the blades, if after the first sequence the number of cycles Cn+1 is greater than 3 times Cn in one of the tested specimen, the EN ISO 13997:1999 Cut resistance method as per clause 6.3 shall be performed and this method becomes the reference test method for the assessment of the protection against cut risks.

PATENT PENDING

## Applications:

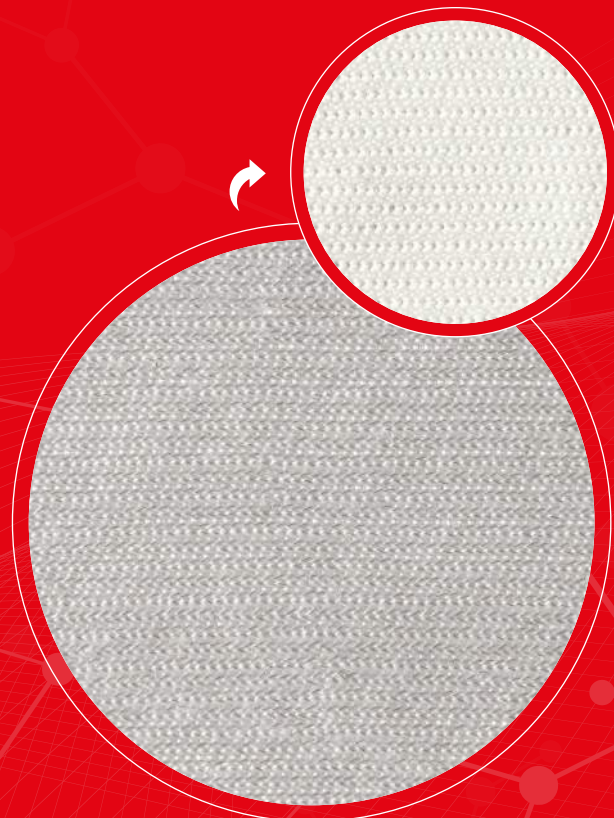
- ☒ Cut-resistant lining for gloves
- ☒ Manufacturing PPE - cut and heat-resistant arm guards, aprons, chaps

Weight / surface density	545g/m²
Roll width	1.90m
Roll length	18m
Colour	Green
Safety and care instructions	    

# Kozane® Pro

Art. no. 500.3500

Kozane® PRO is the lightest fabric of its class, offering high levels of cut, puncture and tear resistance, while being breathable and soft. Fully washable and designed primarily for garment manufacturing.








EN 388:2016 6.1 Abrasion	Level 3
EN 388:2016 6.2 Blade cut resistance	Level X*
EN 388:2016 6.4 Tear resistance	Level 4
EN 388:2016 6.5 Puncture resistance	Level 3
EN 388:2016 6.3 Cut resistance method (EN ISO 13997:1999)	Level E
ANSI ASTM F2992-15	Cut A5 (Cut Score: 2,927g)

\*x stands for not tested. As per clause 6.2.6 of EN 388:2016 for materials dulling the blades, if after the first sequence the number of cycles Cn+1 is greater than 3 times Cn in one of the tested specimen, the EN ISO 13997:1999 Cut resistance method as per clause 6.3 shall be performed and this method becomes the reference test method for the assessment of the protection against cut risks.

PATENT PENDING

## Applications:

- ☒ Cut and slash-resistant clothing
- ☒ Anti-theft bags and luggage
- ☒ Motorcycle, outdoor and extreme sports apparel

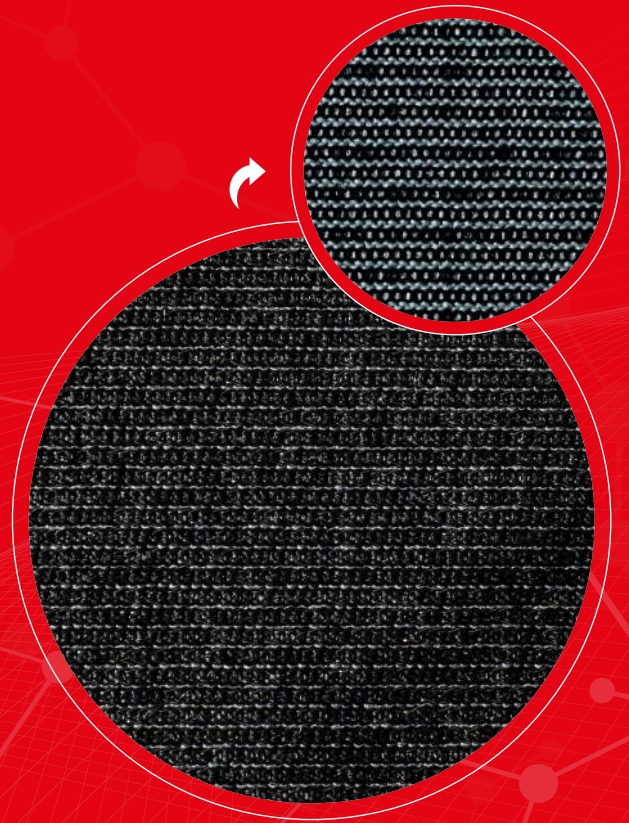
Weight / surface density	389g/m <sup>2</sup>
Roll width	1.98m
Roll length	18m
Colour	White. Other colours available, please email us for further enquiries
Safety and care instructions	    



# Kozane® Extreme

Art. no. 500.3100

Kozane® Extreme offers the optimum combination between outstanding levels of protection and comfortability. While offering the highest cut, puncture and tear resistance, Kozane® Extreme is breathable and soft. Fully washable and designed primarily for garment manufacturing.








EN 388:2016 6.1 Abrasion	Level 3
EN 388:2016 6.2 Blade cut resistance	Level X*
EN 388:2016 6.4 Tear resistance	Level 4
EN 388:2016 6.5 Puncture resistance	Level 4
EN 388:2016 6.3 Cut resistance method (EN ISO 13997:1999)	Level F
ANSI ASTM F2992-15	Cut A8 (Cut Score: 5,215g)

\*x stands for not tested. As per clause 6.2.6 of EN 388:2016 for materials dulling the blades, if after the first sequence the number of cycles Cn+1 is greater than 3 times Cn in one of the tested specimen, the EN ISO 13997:1999 Cut resistance method as per clause 6.3 shall be performed and this method becomes the reference test method for the assessment of the protection against cut risks.

PATENT PENDING

## Applications:

- ☒ Cut and slash-resistant clothing
- ☒ Anti-theft bags and luggage
- ☒ Motorcycle, outdoor and extreme sports apparel

Weight / surface density	411g/m <sup>2</sup>
Roll width	1.98m
Roll length	18m
Colour	Black
Safety and care instructions	    

# Kozane® Aqua

Art. no. 500.3800

Kozane® Aqua's unique composition offers outstanding cut and water resistance. This exceptional three-dimensional knitted fabric combines a silicone-coated top layer with a soft, polyester bottom layer for optimum protection and comfort. This fabric is fully washable at high temperatures (80°C) and suitable for water-resistant products and personal protective equipment (PPE), even in the food industry.

## Single Layer

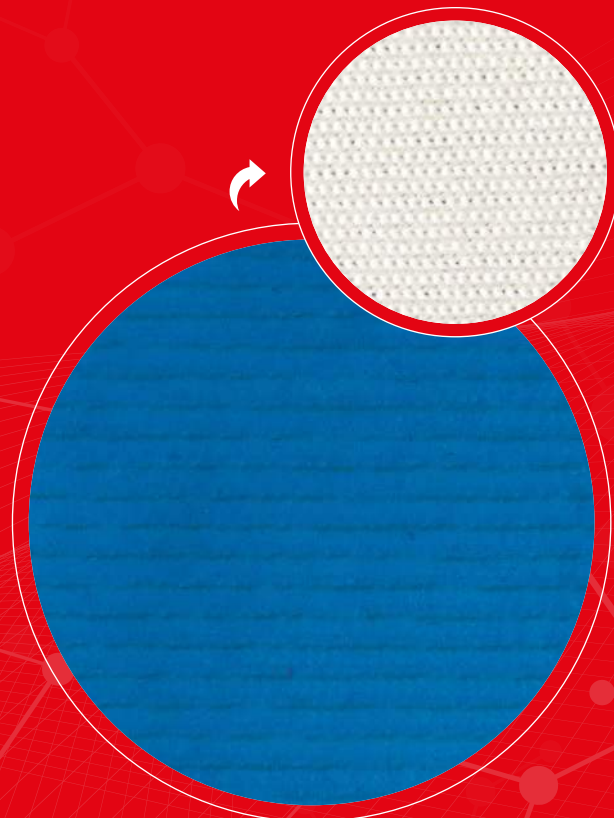
ANSI ASTM  
F2992-15

**A5**

## Double Layer

ANSI ASTM  
F2992-15

**A8**







EN 388:2016 6.1 Abrasion	Level 4
EN 388:2016 6.2 Blade cut resistance	Level X*
EN 388:2016 6.4 Tear resistance	Level 4
EN 388:2016 6.5 Puncture resistance	Level 4
EN 388:2016 6.3 Cut resistance method (EN ISO 13997:1999)	Level E
EN 407:2004 Contact Heat	Level 2 (250°C for 15 seconds)
ANSI ASTM F2992-15	Single Layer - A5 (Cut Score: 2,232g) Double Layer - A8 (Cut Score: 5,247g)

\*x stands for not tested. As per clause 6.2.6 of EN 388:2016 for materials dulling the blades, if after the first sequence the number of cycles Cn+1 is greater than 3 times Cn in one of the tested specimen, the EN ISO 13997:1999 Cut resistance method as per clause 6.3 shall be performed and this method becomes the reference test method for the assessment of the protection against cut risks.

PATENT PENDING

## Applications:

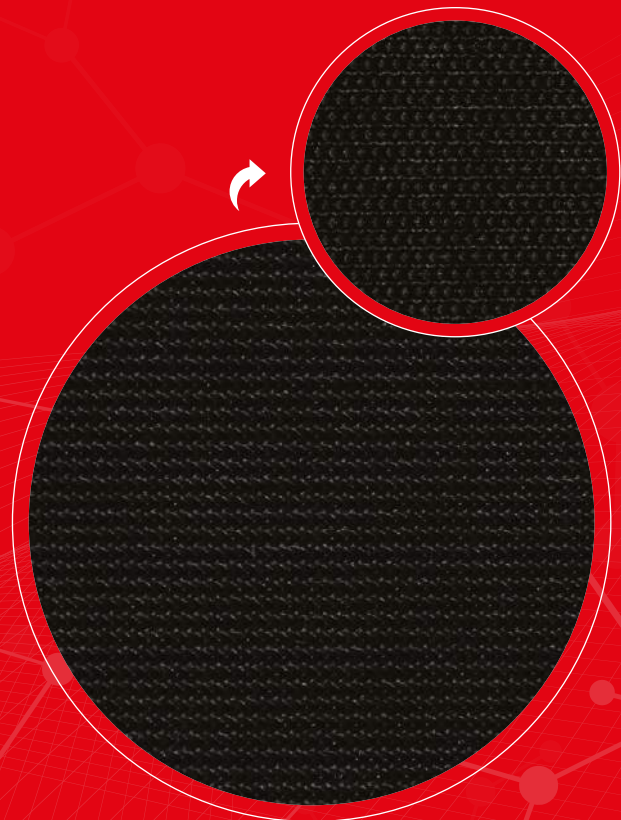
- ☒ Cut and tear-resistant clothing
- ☒ Anti-theft bags and luggage
- ☒ Motorcycle, outdoor and extreme sports apparel

Weight / surface density	1,015g/m²
Roll width	1.47m
Roll length	18m
Colour	Blue. Other colours available, please email us for further enquiries
Safety and care instructions	   

# Kozane® INVICTA Original

Art. no. 500.2019

The new Kozane® INVICTA range features outstanding tear and abrasion resistance, with added cut and puncture resistance.








EN 388:2016 6.1 Abrasion	Level 4
EN 388:2016 6.2 Blade cut resistance	Level X*
EN 388:2016 6.4 Tear resistance	Level 4
EN 388:2016 6.5 Puncture resistance	Level 4
EN 388:2016 6.3 Cut resistance method (EN ISO 13997:1999)	Level B

\*x stands for not tested. As per clause 6.2.6 of EN 388:2016 for materials dulling the blades, if after the first sequence the number of cycles Cn+1 is greater than 3 times Cn in one of the tested specimen, the EN ISO 13997:1999 Cut resistance method as per clause 6.3 shall be performed and this method becomes the reference test method for the assessment of the protection against cut risks.

PATENT PENDING

## Applications:

- ✓ Tear-resistant clothing and bedding for mental health and prisons/corrections.
- ✓ Additional applications, not limiting to: footwear, luggage, upholstery etc.

Weight / surface density	470g/m <sup>2</sup>
Roll width	1.87m
Colour	Black
Safety and care instructions	    

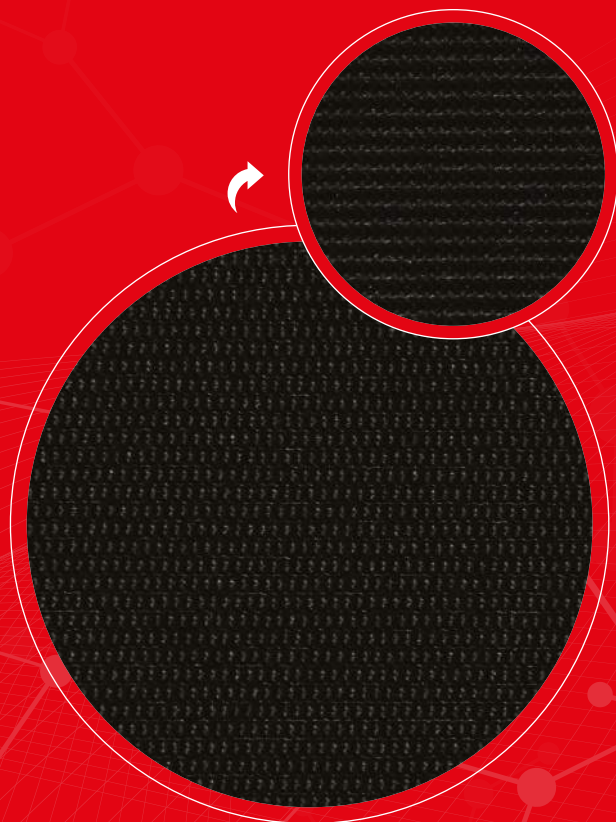


# Kozane® INVICTA

## Double-Sided

Art. no. 500.1004

The new Kozane® INVICTA range features outstanding tear and abrasion resistance, with added cut and puncture resistance



EN 388:2016 6.1 Abrasion	Level 4
EN 388:2016 6.2 Blade cut resistance	Level X*
EN 388:2016 6.4 Tear resistance	Level 4
EN 388:2016 6.5 Puncture resistance	Level 4
EN 388:2016 6.3 Cut resistance method (EN ISO 13997:1999)	Level B

\*x stands for not tested. As per clause 6.2.6 of EN 388:2016 for materials dulling the blades, if after the first sequence the number of cycles Cn+1 is greater than 3 times Cn in one of the tested specimen, the EN ISO 13997:1999 Cut resistance method as per clause 6.3 shall be performed and this method becomes the reference test method for the assessment of the protection against cut risks.

PATENT PENDING

### Applications:

- ☒ Tear-resistant clothing and bedding for mental health and prisons/corrections.
- ☒ Additional applications, not limiting to: footwear, luggage, upholstery etc.

Weight / surface density	673g/m <sup>2</sup>
Roll width	1.93m
Colour	Black, grey marl
Safety and care instructions	