



## Cut Resistant Clothing Catalogue



## Cut Resistant Clothing

Intertex Extreme Jackets



*Extreme Jacket Front*

### CRJ-EX

#### Intertex Extreme Open Back Jacket

- Adjustable waist strap w/ buckle
- Open back style for comfort and breathability
- Integrated vital neck protection
- Full back, mesh back available
- Multiple wrist closure options available (Velcro, thumb loop, etc.)



*Extreme Jacket Open Back*



*Neck protection w/ Velcro closure*



*Velcro wrist closure option*



*Mesh back option  
for increased breathability*



## Cut Resistant Clothing

Intertex Extreme Jackets



*Pullover Extreme Jacket Front*

### CRJPO-EX

#### Intertex Extreme Pullover Jacket

- Integrated vital neck protection with Velcro closure
- Pullover style for maximum protection
- Full back, mesh ventilated back available
- Multiple wrist closure options available (Velcro, thumb loop, etc.)



*Pullover Extreme Jacket Open Back*



*Enhanced Neck protection*

## Cut Resistant Clothing

### Intertex Extreme Aprons and Chaps

#### CRCH-EX Intertex Extreme Chaps

- Adjustable waist strap
- Intertex Extreme waist patch (sewn on OR with Velcro)
- Replacement Velcro waist patches available separately
- Velcro closure on back calves



*Extreme Chaps*

#### BA-EX-36.5 Intertex Extreme bib apron

- 2" wide adjustable waist strap with buckle
- Available with additional waist patch for extra protection
- Custom sizes available upon request



*Extreme Bib Apron*

## Data Sheets

### Intertex Extreme

Intertex Extreme is a combination of high level cut protection with extreme comfort. The Extreme fabric offers high level of cut, puncture and tear resistance while being very breathable with a soft satin texture.

#### Applications:

- Cut and slash resistant PPE
- Anti-theft bags and luggage



## SPECIFICATIONS

COLOUR / APPEARANCE	Black
AVAILABLE WIDTHS	1.98m
ROLL LENGTH	18m
EN 388:2016 6.1 Abrasion	Level 3
EN 388:2016 6.3 Cut Resistance method (EN ISO 13997:1999)	Level F
EN 388:2016 6.4 Tear Resistance	Level 4
EN 388:2016 6.5 Puncture Resistance	Level 4
ANSI ASTM F2992-15	Cut Level A7



Machine wash below 40 deg. Celsius, line dry, do not bleach, iron low, dry clean any solvent except Trichloroethylene



## Cut Resistant Clothing

Kevlar® Jackets



Front View of Open Back jacket

### CRKJ (Open Back Jacket)

- Open Back Jacket
- Adjustable back strap with buckle
- Optional: Mesh Shoulders/ Back of arms
- Available in 08TT333, 09TT344, and Extreme



Back View of Open back jacket

### CRFKJ (Full Jacket)

- Full Jacket (Pullover Style or Velcro® / Snap Front)
- Optional: Full Mesh Backing
- Available in 08TT333, 09TT344, Extreme



Front View of Full Kevlar Jacket, Snap Front,  
Velcro Cuffs, Neck Guard



Rear View of Full Kevlar Jacket,  
Velcro Cuffs, Neck Guard

## Cut Resistant Clothing

### Kevlar® Jackets Continued

#### Back Options:

- Standard Open Back
- Open Back w/ mesh back of arms
- Full Kevlar® or Extreme back
- Cane Nylon mesh for increased ventilation and comfort



*Full Kevlar® jacket with Cane Nylon Mesh Back*



*Open back jacket w/ mesh back*

#### Collar Options:

- Standard
- Tall Collar w/ Nylon Mesh Vent
- Knit Kevlar® Neck Guard



*Optional: Tall Mesh Collar w/ Knit Kevlar® Trim, Velcro® Closure*

#### Cuff Options:

- Knit Kevlar® with thumb hole
- Knit Kevlar® thumb loop
- Velcro® Cuff
- Velcro® Cuff w/ thumb loop



*Velcro® cuff*



*Knit Kevlar® cuff w/ thumbhole*



## Cut Resistant Clothing

Kevlar® Chaps



*Front view of chaps*

### CRKC-08TT-22PT

- Kevlar Chaps w/ Patch
- Heavyweight Replaceable Patch
  - Removable (with Velcro®)
  - Optional: Sewn-on Patch
- Velcro® around legs for secure closure
- Available in 08TT333, 09TT344, Extreme

### AP-22PT-16X18

- Apron Patch 16" x 18"
- Available Separately
- Velcro® backing for attachment to chaps (sewn-on optional)



*Rear view of chaps*

## Cut Resistant Clothing

Kevlar® Aprons & Shoulder Sleeves

### CRSS (Shoulder Sleeves)

Available in:

- 23" (Small)
- 25" (Medium)
- 27" (Large)
- 29" (Extra Large)
- 31" (XXL)

Cuffs Available:

- Velcro®
- Knit Kevlar®
- Knit Kevlar® w/thumb hole

Adjustable Front Buckle

Available in 08TT333, 09TT344, Extreme Materials



Shoulder Sleeves



Bib Apron

### BA-22PT (Bib Apron)

- Heavyweight Apron Patch (Velcro® or Sewn-On)
- Adjustable neck and back straps

### WA-P-22PT

- Waist Apron
- 22 oz. Kevlar® (22PT501)
- Adjustable Waist Buckle



Waist Apron

## Cut Resistant Clothing

### Cut Resistant Arm/Hand Protection

#### **KK18S (18" Knit Kevlar® Sleeves)**

- *Knit Kevlar® 18" Sleeves*
- *Velcro® Closure*
- *Optional: thumb loop*



*Knit Kevlar® sleeve*

#### **CRWGV-08TT (Kevlar® Wrist Guards)**

- Available in 7" and 10" Length, Large and XL
- Velcro® Closure
- Thumb loop for stability



*Kevlar® wrist guards*

#### **ABMV (Nylon Wrist Guards)**

- Available in 7" and 10", Medium, Large, XL
- Available in single or double layer nylon
- Velcro® Closure
- ASTM Cut Level 2



*Nylon wrist guard*



## Cut Resistant Kevlar Clothing

Available Garment Materials



Fabric Style	08TT333	09TT344	22PT501
Fibre Blend	100% Kevlar®	Kevlar®/Stainless Steel Wire	Aramid/Fibreglass
Colour	Yellow	Yellow	Yellow
Weave	2/1 Twill	Twill	Plain
Weight, oz/yd. <sup>2</sup>	8.0 +/- 7% (271 g/m <sup>2</sup> )	9.0 +/- 7% (305 g/m <sup>2</sup> )	22
Fabric Thickness, inches	0.028(+/- .005)	0.024 (+/- .005)	0.070
Tensile Strength ASTM D5034 (Grab) (W&F) lbs.	430 x 350	495 x 300	375 x 300
Cut Resistance Test ANSI/ISEA 105-2016	Level A3	Level A4	Level A7
Puncture Resistance ANSI/ISEA 105-2016	Level 5	Level 5	Level 3
Abrasion Resistance ANSI/ISEA 105-2016	Level 3	Level 3	Level 4
Certified to NFPA 1971, 2013 Certified to CAN/ CGSB 155.1, 2001			

Note: Cane Nylon Mesh is ASTM Cut Level 2



## Data Sheets

08TT333-16

*Norfab CutPro® Natural 8 oz. Cloth*

CutPro® Natural line of fabrics employ unique Norfab yarn designs that combine the strength, high thermal capability, cut resistance and durability of DuPont™ Kevlar®. The unique composition of CutPro® Natural provides outstanding protection against hazards posed by sharp objects and revolving or reciprocating blades.

### SPECIFICATIONS

BASE FABRIC	Kevlar®
COLOUR / APPEARANCE	Yellow
AVAILABLE WIDTHS, <i>inches</i>	60" (1.5m)
ROLL LENGTH, <i>yards</i>	50 (45.7m)
WEAVE STYLE	2/1 Twill
FABRIC WEIGHT, <i>oz/sq. yd.</i>	8 oz. (271 gm/ sq. m)
FABRIC THICKNESS, <i>inches</i>	0.025 (0.63mm)
TENSILE STRENGTH <i>ASTM D5034 (Grab) W&amp;F lbs.</i>	430 x 350
CUT RESISTANCE <i>ANSI/ISEA 105-2016</i>	Level A3
PUNCTURE RESISTANCE <i>ANSI/ISEA 105-2016</i>	Level 5
ABRASION RESISTANCE TEST <i>ANSI/ISEA 105-2016</i>	Level 3
CERTIFICATIONS	NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2013 Edition  CAN/CGSB 155.1, Standard on Firefighters Protective Clothing for Protection Against Heat and Flame, 2001 Edition



## Data Sheets

09TT344-16

*Norfab CutPro® Natural 9 oz. Cloth with Stainless Steel Wire*

A Norfab CutPro® Natural light weight twill fabric of a ring spun 100% Kevlar® yarn with stainless steel wire reinforcement. Used as cut resistant safety clothing with inherent flame resistance that will never wash or wear out.

### SPECIFICATIONS

BASE FABRIC	Kevlar®/Stainless steel wire
COLOUR / APPEARANCE	Yellow
AVAILABLE WIDTHS, <i>inches</i>	60" (1.5m)
ROLL LENGTH, <i>yards</i>	50 (45.7m)
WEAVE STYLE	Twill
FABRIC WEIGHT, <i>oz/sq. yd.</i>	9 oz. +/-7% (305 gm/ sq. m)
FABRIC THICKNESS, <i>inches</i>	0.024 +/- .005 (0.61mm)
TENSILE STRENGTH <i>ASTM D5034 (Grab) W&amp;F lbs.</i>	495 x 300
CUT RESISTANCE <i>ANSI/ISEA 105-2016</i>	Level A4
PUNCTURE RESISTANCE <i>ANSI/ISEA 105-2016</i>	Level 5
ABRASION RESISTANCE <i>ANSI/ISEA 105-2016</i>	Level 3

## Data Sheets

22PT501 –33

A Norfab medium weight fabric of Aramid fibre blend with fibreglass core yarn. Applications include safety clothing, gloves, mitts, jackets, curtains, and other industrial applications. Resistant to heat sources, offers excellent thermal and cut protection for safety garments.

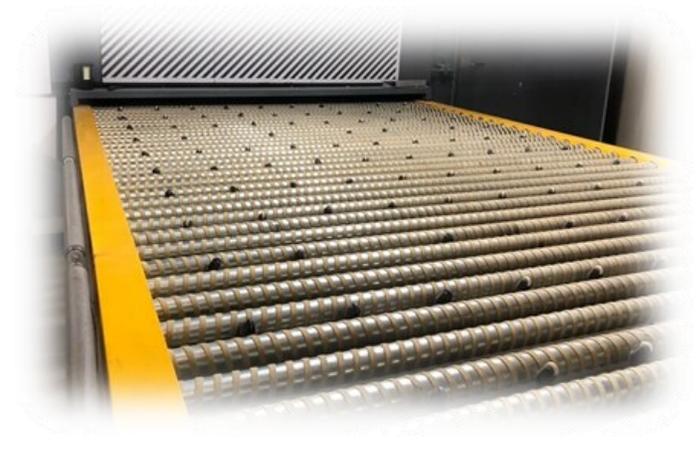
### SPECIFICATIONS

BASE FABRIC	Aramid/Fibreglass
COLOUR / APPEARANCE	Yellow
WEAVE STYLE	Plain
FABRIC WEIGHT, <i>oz/sq. yd.</i>	22 oz
FABRIC THICKNESS, <i>inches</i>	0.070
WARP STRENGTH, <i>lbs/in.</i>	375
FILL STRENGTH, <i>lbs/in.</i>	300
ABRASION RESISTANCE	Very Good
SUNLIGHT & AGE RESISTANCE	Base fabric is UV sensitive
Finish Number	33, wear resistant
ABRASION RESISTANCE <i>ANSI/ISEA 105-2016)</i>	Level 4
CUT RESISTANCE <i>ANSI/ISEA 105-2016</i>	Level A7
CUT RESISTANCE <i>(EN38:2016)</i>	Level 5
PUNCTURE RESISTANCE <i>(ANSI/SEA 105-2016)</i>	Level 3



## Tempering

Kevlar®/Aramid Tapes and Ropes



## Kevlar® Tapes and Ropes

BC Tape

### Technical data sheet

#### PARA-ARAMIDE "BC" TAPE

The Para-Aramide "BC" tape is a manufactured article produced by weaving of special yarns.

The used yarns are in fact a Para-Aramide Continuous Filament yarn (KEVLAR Du Pont or TWARON Teijin or TECHNORA Teijin ), with very good mechanical and thermal performances; we have 2 types of tape, "BC type", Yellow colour, produced with Kevlar or Twaron twisted yarn, and "BC/L type", Brown colour, produced with Technora yarn (untwisted or with low torsion) .

We produce the BC tapes with a special loom; in fact it is necessary to make more layers, to have the high thickness using the thin yarns; this is the only way to have the tape with the surface homogenous, regular and very smooth.

The BC tape are used to cover the rolls of Glass tempering furnaces.

#### TECHNICAL DATA

Raw material	: 100% Para-Aramide fibre
Used yarns for BC/L type	: Continuous Filament TECHNORA, Brown colour
Used yarns for BC type	: twisted Continuous Filament KEVLAR or TWARON, Yellow colour
Weaving type	: from 1 to 3 linked layers (depends on thickness)
Density	: 0,9 Kg/c.dm +-10%
Temperature Max.	: 350 °C (400 °C of tip)
Available standard thickness	: from mm. 0,3 to mm. 5,5

#### BC Tape (Continuous Filament)

12 mm x 5 mm BC Yellow Kevlar® Tape

25 mm x 3 mm BC Yellow Kevlar® Tape

More sizes available upon request



## Kevlar® Tapes and Ropes

SC Rope

### Technical data sheet

#### PARA-ARAMIDE TAPE "SC"

The Para-Aramide "SC" tape is a manufactured article produced by special yarn weaving.

The used yarns are produced with Para-Aramide fibre (Kevlar DuPont or Twaron Teijin) in staples mm. 60-140 length, snatched or cut from virgin Continuous filaments; the yarns are very thin and the weaving is layered, to have the tape surfaces very regular and homogeneous.

The "SC" tape is softer and lighter than "BC" (Continuous filament yarn) tape, but however it keeps a good mechanical performances.

The Para-Aramide SC tape is used for the roll covering in the Glass tempering Industry.

#### TECHNICAL DATA

Raw material	: 100% Para-Aramide fibre
Used yarn	: virgin carded spun yarn, very long fibres
Weaving type	: from 1 to 3 linked layers (it depends on the thickness)
Density	: 0,8 g/c cm. + - 10%
Thickness	: from 0,5 mm. to 5 mm.
Width	: from mm. 10 to mm. 50
Temperature Max.	: 350 °C (peak 400 °C)

#### SC Rope (Non-Continuous Filament)

5.5 mm x 5.5 mm Square SC Kevlar® Rope

6.5 mm x 9 mm Yellow SC Kevlar® Rope

6mm Round SC Kevlar®

More sizes available upon request

