

COSSD PRODUCT CATALOGUE

for



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A P P A R E L
S O L U T I O N S
I N T E R N A T I O N A L

Transforming Safety Apparel



G A R M E N T C A T A L O G

Choose The Right Stuff



Choosing what PPE products to use can be a daunting task. Our head of PPE research and development is Mr. Peter Clark, a renowned name within the Flame Resistant and Arc Flash Resistant clothing industry. Peter's passion for PPE was sparked from personal experience; in 1979 Peter was severely burned in a propane pipeline explosion. He has since played a pivotal role in changing how work wear standards and regulations are addressed within Canada and abroad. Peter's role with Apparel Solutions is to bring this expertise to our clients. He ensures that ASI

continuously meets or exceeds the criteria that govern PPE garments. He also educates our clients with down to earth explanations of current issues in PPE and safety clothing.

COMMUNITY AWARENESS:

In 1985 Peter did a fire-walk in a simulated flash fire for media. This illustrated the difference proper PPE could make, and an article was published in Alberta OHS magazine. As co-founder of the Alberta Burn Rehabilitation Society, his volunteer activities with burn prevention have led him to host two World Burn Congresses. He also helped Dowzer Communications Group develop their innovative burn & fire prevention program for kids. This commitment to education, awareness and rehabilitation was recognized by the Alberta Medical Association in 1994, when he was awarded a Medal of Honor for his work.

COUNCILS AND COMMITTEES:

As a trusted advisor in the industry Peter is active with many national and international committees, working towards congruent and comprehensive practices. Peter sits on the committee for CAN/CGSB- 155.20-2000 Work Wear for Protection Against Hydrocarbon Flash Fire with the CGSB (Canadian General Standards Board), and the NFPA (National Fire Protection Agency) Technical Committee for Flash Fire Protective Garments (for NFPA 2112-2007 and 2113-2007). He advises on numerous standards and industry practice recommendations, and published the FRW Handbook. This book is continually referenced for policy and practice recommendations. He is on the Industry Advisory Committee with the U of A Research Project: Clothing Systems for Protection Against Steam and Hot Condensate, a newly recognized challenge in the PPE world.

PETER CLARK AND YOUR SAFETY MANDATE

Peter regularly conducts workshops and education programs for all levels of staff, cutting through the jargon and getting to the crucial message of PPE: wearing the right stuff the right way saves lives. He is a wealth of information for all levels of a company, from high level H&S committees working through regulations and policy development, to working with small groups of employees who need ground level training of why PPE worn right matters to them.

PLEASE CONTACT ASI FOR FURTHER INFORMATION



Transforming Safety Apparel



We are an Edmonton based manufacturer and warehouse...



...that offers a variety of safety fabrics to meet your PPE needs...

 **UltraSoft®**

 **KERMEL**
PERFORMANCE IS OUR PROFESSION

DuPont™
NOMEX® IIIA

 **UltraSoft AC™**

 **Vapro®**
THE BREATHABLE MOISTURE BARRIER

 **TENCATE**
Tecasafe™ plus

 **WESTEX™**
A WORLD LEADER IN FLAME RESISTANT FABRICS

 **difco**
Performance Fabrics Inc.

 **GlenGuard® FR**

...shipping individual, bulk and custom program orders.



Transforming Safety Apparel



Premium Summer Coverall



Note: NOMEX stocked with leg tabs

GARMENT CONSTRUCTION

- Flame resistant fabric
- Protective stand-up collar with hook & loop closure, lays flat when worn open
- Two-way heavy duty #5 brass zipper on Nomex tape
- Storm guard over zipper with snap closures
- Action back for mobility, side elasticized waist
- Gusset crotch for added mobility and strength
- Separate arm cuffs with 2 position snap closures

SIZING

- Stocked in Numeric, or even chest sizes (42R, 48T, etc)
- Garment lengths available - short (S), Regular (R), tall (T)
- Stocked in 36S - 62T

COLORS



UltraSoft® 9oz

STOCK



SPECIAL ORDER



UltraSoft® 7oz



NOMEX® IIIA 6oz



Unlined Offshore Coverall



GARMENT CONSTRUCTION

- Flame resistant fabric
- Heavy duty tear away flame/heat resistant Vislon zipper on Nomex tape
- Chest pockets with flame/heat resistant Vislon zipper on Nomex tape
- Storm guard over zipper with snap closures
- Protective stand-up collar with hook & loop closure, lays flat when worn open
- Action back for mobility, side elasticized waist
- 12" Heavy duty flame/heat resistant Vislon zipper at leg cuff w/ adjustable hook & loop leg tabs
- Mic loops

SIZING

- Stocked in numeric chest sizes (38, 46T, etc)
- Garment lengths available - Regular (R), Tall (T)
- Stocked in 38R- 56T

COLORS



UltraSoft® 9oz

STOCK



SPECIAL ORDER

NOMEX® IIIA 6oz



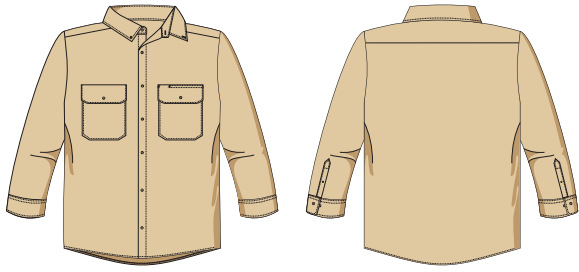
Tecasafe plus 7oz



Transforming Safety Apparel



Button Front Shirt



GARMENT CONSTRUCTION

- Button down collar
- Double back yoke
- Adjustable button cuffs

SIZING

- Available in alpha chest sizes (MR, 2XLT, etc)
- Garment lengths available - Regular (R), tall (T)
- Available in SR - 3XLT

COLORS



NOMEX® IIIA 6oz

Flat Front Work Pants

GARMENT CONSTRUCTION

- Unfinished hem
- Regular seat & thighs

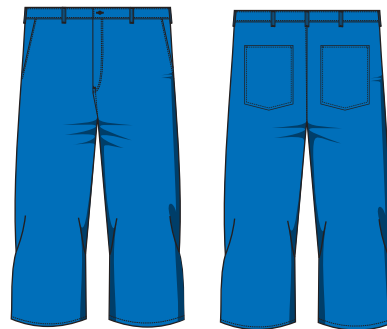
SIZING

- Available in numeric waist sizes (30W, 42W, etc)
- Garment lengths available - unfinished 34"
- Available in 30W - 48W

COLORS



NOMEX® IIIA 6oz



Insulated Coverall



GARMENT CONSTRUCTION

- Flame resistant outer shell
- 3.25 oz separate, one way breathable wind & vapor barrier
- Quilted flame resistant 14 oz Moda-Quilt insulation
- Protective insulated stand-up collar
- All three zippers are two-way heavy duty #10 brass zipper on Nomex tape
- Full length leg zippers
- Front center zipper has insulated storm guard over zipper
- Inset Nomex knit sleeve cuff for warmth and lower arm protection
- Side elasticized waist

SIZING

- Stocked in Alpha sizing (LR, XLT etc)
- Garment lengths available- Short (S), Regular (R), Tall (T)
- Stocked in SS - 5XLT

COLORS



NOMEX® IIIA 6oz

STOCK

SPECIAL ORDER



Transforming Safety Apparel



Insulated Parka



GARMENT CONSTRUCTION

- Flame resistant outer shell
- 3.25 oz separate, one way breathable wind & vapor barrier
- Quilted flame resistant 14 oz Moda-Quilt insulation
- Protective insulated stand-up collar
- Two-way heavy duty #10 brass zipper on Nomex tape
- Storm guard over zipper with snap closures
- Inset Nomex knit sleeve cuff for warmth and lower arm protection
- Adjustable interior drawstring at waist

SIZING

- Stocked in Alpha sizing (LR, XLT etc)
- Garment lengths available- Short (S), Regular (R), Tall (T)
- Stocked in SS - 5XLT

COLORS

UltraSoft® 9oz

STOCK



SPECIAL ORDER



NOMEX® IIIA 6oz



Note: Hood sold separately

Insulated Bib Pant



GARMENT CONSTRUCTION

- Flame resistant outer shell
- 3.25 oz separate, one way breathable wind & vapor barrier
- Quilted flame resistant 14 oz Moda-Quilt insulation
- All three zippers are two-way heavy duty #10 brass zipper on Nomex tape
- Elasticized shoulder straps with non-conductive adjustable hardware

SIZING

- Stocked in Alpha sizing (LR, XLT etc)
- Garment lengths available- Short (S), Regular (R), Tall (T)
- Stocked in SS - 5XLT

COLORS

UltraSoft® 9oz

STOCK



SPECIAL ORDER



NOMEX® IIIA 6oz



Transforming Safety Apparel



3 in 1 Outer Shell Mountaineer Jacket



Note: Hood sold separately

Note: Outer Shell & Liner sold separately

GARMENT CONSTRUCTION

- Flame resistant outer shell
- 3.25 oz separate, one way breathable wind & vapor barrier
- 3.25 oz Nomex IIIA inner liner
- Exterior heavy duty #10 and interior #5 brass zipper on Nomex tape
- Adjustable hook & loop tab on cuff
- Adjustable drawstring waist for wind protection

SIZING

- Garment lengths available- Short (S), Regular (R), Tall (T)
- Stocked in SR - 4XLT

COLORS

NOMEX® IIIA

6oz

STOCK



SPECIAL ORDER



3 in 1 Inner Liner Fleece Jacket

GARMENT CONSTRUCTION

- Two-way heavy duty #5 brass zipper on Nomex tape
- Elasticized cuffs
- Adjustable drawstring closure at waist
- Interior storm flap at zipper
- Zips into Mountaineer or Bomber Jacket

SIZING

- Garment lengths available- Short (S), Regular (R), Tall (T)
- Stocked in SR - 4XLT

COLORS

UltraSoft® 11oz

STOCK



NOMEX® IIIA 13oz



SPECIAL ORDER



Note: Hood sold separately

Note: Outer Shell & Liner sold separately

3 in 1 Outer Shell Bomber Jacket



Note: Hood sold separately

Note: Outer Shell & Liner sold separately

GARMENT CONSTRUCTION

- Flame resistant outer shell
- 3.25 oz separate, one way breathable wind & vapor barrier
- 3.25 oz Nomex IIIA inner liner
- Exterior heavy duty #10 and interior #5 brass zipper on Nomex tape
- Adjustable hook & loop tab on cuff
- Fully elasticized waistband

SIZING

- Garment lengths available- Short (S), Regular (R), Tall (T)
- Stocked in SR - 4XLT

COLORS

NOMEX® IIIA

6oz

STOCK



SPECIAL ORDER



Transforming Safety Apparel



Full Zip Hooded Jacket



GARMENT CONSTRUCTION

- Attached hood w/ 100% cotton draw string
- Two way #5 brass zipper set on Nomex tape
- Adjustable drawstring closure at waist
- Elasticized cuffs
- Front hand warmer pockets

SIZING

- Garment lengths available- Short (S), Regular (R), Tall (T)
- Stocked in SR - 4XLT

COLORS

STOCK

SPECIAL ORDER

 **UltraSoft®** 11oz



NOMEX® IIIA 13oz



No Zip Hooded Jacket

GARMENT CONSTRUCTION

- Attached hood w/ 100% cotton draw string
- Adjustable drawstring closure at waist
- Elasticized cuffs
- Front hand warmer pocket

SIZING

- Garment lengths available- Short (S), Regular (R), Tall (T)
- Stocked in SR - 4XLT

COLORS

STOCK

SPECIAL ORDER

 **UltraSoft®** 11oz



NOMEX® IIIA 13oz



1/4 Zip Hooded Pullover



GARMENT CONSTRUCTION

- Attached hood w/ 100% cotton draw string
- 7 inch YKK brass zipper set on Nomex tape
- Adjustable drawstring closure at waist
- Elasticized cuffs
- front hand warmer pocket

SIZING

- Garment lengths available- Short (S), Regular (R), Tall (T)
- Stocked in SR - 4XLT

COLORS

STOCK

SPECIAL ORDER

NOMEX® IIIA 13oz



Transforming Safety Apparel



Sweat Shirt



GARMENT CONSTRUCTION

- Knit collar
- Rib knit waist
- Rib knit cuffs

SIZING

- Regular SR-3XLR

COLORS

OUTSOURCED



Sweat Pants

GARMENT CONSTRUCTION

- Adjustable drawstring closure at waist
- Elasticized cuffs

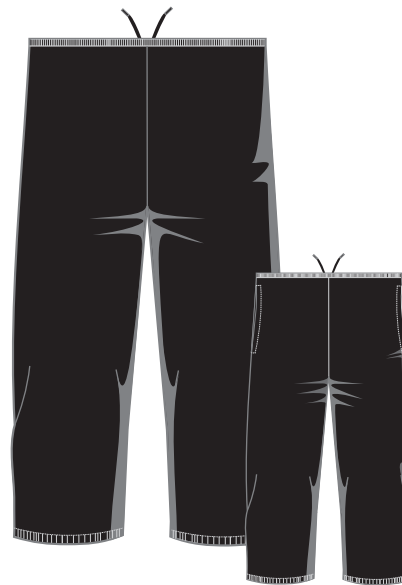
SIZING

- Garment lengths available- Regular (R), Tall (T)
- Stocked in SR - 3XLT

COLORS

STOCK

SPECIAL ORDER



3 in 1 Liner Fleece Vest



Note: Hood sold separately

Note: Outer Shell & Liner sold separately

GARMENT CONSTRUCTION

- Protective stand-up collar
- Two-way heavy duty #5 brass zipper on Nomex tape
- Adjustable drawstring closure at waist
- Interior storm flap at zipper
- Two front slash pockets
- Zips into Mountaineer or Bomber Jacket

SIZING

- Garment lengths available- Regular (R), Tall (T)
- Stocked in SR - 3XLT

COLORS

STOCK

SPECIAL ORDER



Transforming Safety Apparel



Long Sleeve T Shirt



GARMENT CONSTRUCTION

- Taped shoulders and neck seams
- Set-in sleeves with 3" cuffs
- Blind bottom hem
- Seamless tubular construction

SIZING

- Regular SR-3XLR

COLORS

OUTSOURCED



50z



Special order- minimums may apply

Short Sleeve T Shirt

GARMENT CONSTRUCTION

- Taped shoulders and neck seams
- Set-in sleeves with blind hem
- Blind bottom hem
- Seamless tubular construction

SIZING

- Regular SR-3XLR

COLORS

OUTSOURCED



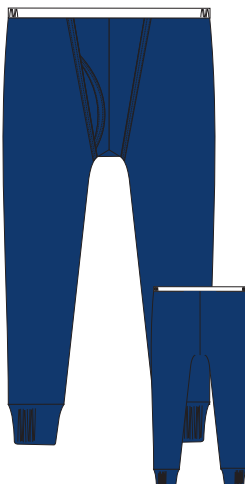
50z



Special order- minimums may apply



Long Underwear



GARMENT CONSTRUCTION

- Ankle length leg with FR rib cuffs with spandex
- Jacquard elastic waist
- Taped fly front
- Flatlock stitching throughout

SIZING

- Regular SR-2XLR

COLORS

OUTSOURCED



50z



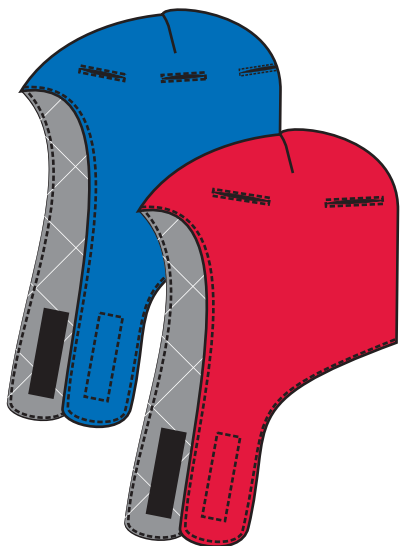
Special order- minimums may apply



Transforming Safety Apparel



Hard Hat Liner



GARMENT CONSTRUCTION

- Flame resistant outer shell
- 3.25 oz separate, one way breathable wind and vapor barrier
- Quilted flame resistant 14 oz Moda-Quilt insulation
- Available in 4 hole or 6 hole configurations
- Adjustable chin strap with hook & loop closure

SIZING

- One size

COLORS

STOCK

SPECIAL ORDER

UltraSoft® 9oz



NOMEX® IIIA 6oz



Deluxe Hard Hat Liner

GARMENT CONSTRUCTION

- Flame resistant outer shell
- 3.25 oz separate, one way breathable wind and vapor barrier
- Quilted flame resistant 14 oz Moda-Quilt insulation
- UltraSoft knit neckguard
- Adjustable hook & loop straps for attachment to hard hat suspension

SIZING

- One size

COLORS

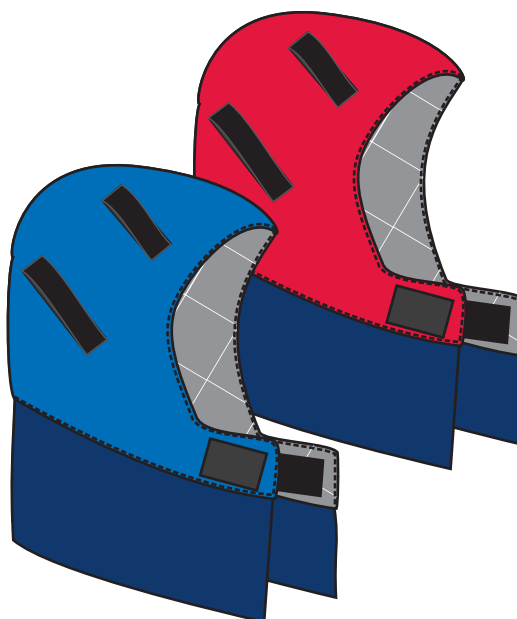
STOCK

SPECIAL ORDER

UltraSoft® 9oz



NOMEX® IIIA 6oz

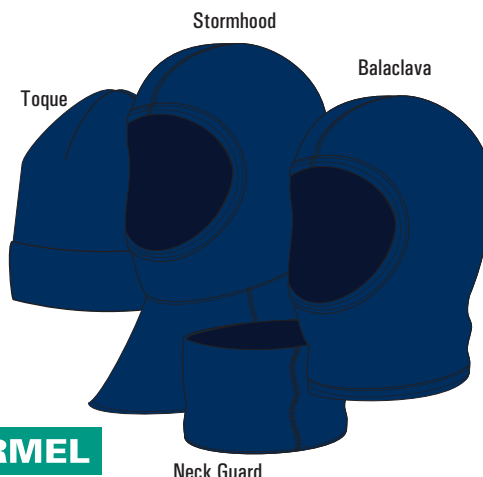


Accessories

NOMEX® IIIA



Toque



Stormhood

Balaclava

Toque

Neck Guard



UltraSoft®



Stormhood

Neck Guard



Transforming Safety Apparel



Specifications & Construction Standards

Applicable to all Apparel Solutions PPE items



Sewn with Nomex high tenacity inherently flame resistant thread
YKK zippers set to Nomex tape
Bar tacked at all stress points
All metal thermally protected from the skin
YKK snaps
Reflective tape double stitched & sewn into seams during production
All garments built to current Flame Resistant Safety Standards
Custom program options are available

Let's Talk Standards...

Our VP of Research and Development Peter Clark ensures that the fabrics, components and design specifications of our garments all meet the required PPE standards. Our PPE is designed to protect your workers in the event of a flash fire or electric arc while also meeting high visibility requirements.

PPE standards and their corresponding performance tests can be complex. This is compounded when PPE must meet multiple standards (flash fire, electric arc and regional high visibility standards). We understand them and their corresponding tests and would be glad to answer your questions and address your concerns with accuracy. Whatever the industry, we will develop a custom apparel program to address your specific needs. We will help you understand what the regulations mean, how they apply to you, and - most importantly - what your workers need to wear to be safe.

We address the following PPE specifications:

Fire:

- CAN/CGSB-155.20-2000 Workwear for Protection Against Hydrocarbon Flash Fire
- CAN/CGSB-155.22-97 Fireline Workwear for Forest Firefighters
- ASTM F 2733-09 Standard Specification for Flame Resistant Rainwear for Protection Against Flame Hazards

Electric Arc Flash:

- NFPA 70E-09: Standard For Electrical Safety In The Workplace
- CSA Z462-08 Workplace Electrical Safety Standard

High Visibility:

- CSA Z96-09 High-Visibility Safety Apparel
- BC WCB 2 PPE 2-1997

Please contact ASI for an evaluation of your PPE needs.



Transforming Safety Apparel



ASI In Action...



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Transforming Safety Apparel

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