

# COOL TOUCH® 2 APPAREL

INHERENTLY FLAME RESISTANT APPAREL



PREPAREWEAR™

You know and trust the Bulwark® name, and for good reason.

Throughout the company's history, we've made it a priority to lead the industry with technological advances that raise the bar for safety, durability and dependability.

We are proud to bring you the latest in cutting-edge flame-resistant apparel. Cool Touch® 2 is a collection of garments that are made from Tecasafe® Plus which is an inherently flame-resistant fabric that provides comfortable, durable and affordable protection to professionals working in hazardous conditions found in a variety of demanding industries and work environments.

# TECASAFe® PLUS 5.8 OZ.

## PROTECTION

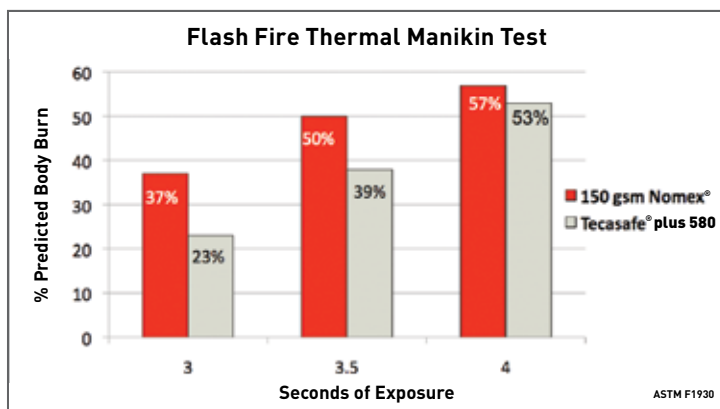
HRC1 and NFPA 2112 certified. Inherently FR, protection won't wash out or wear out, low manikin % body burn, low thermal shrinkage and excellent strength after thermal exposure.

## DURABILITY

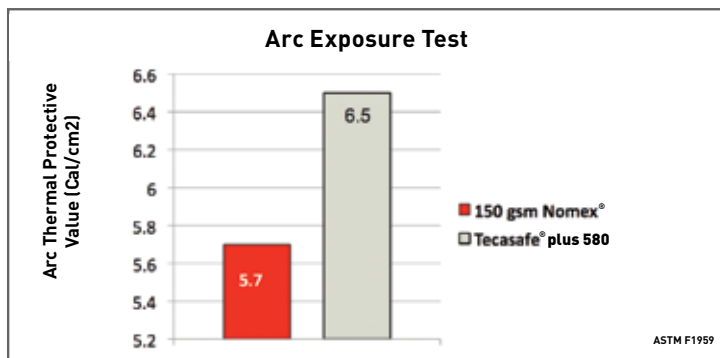
Superior abrasion resistance, higher strength against tears and retains outstanding strength and excellent appearance after multiple industrial launderings.

## COMFORT

Soft hand and breathable, better than conventional FR fabrics. Superior moisture management; special cellulosic fibers wick 3 times better than cotton.



TecasaFe® Plus 580 offers Equivalent or greater protection than Nomex® Comfort under standard Thermal manikin test conditions.



TecasaFe® Plus offers great protection from electrical Arc exposures under standard test conditions.

# MOISTURE MANAGEMENT TESTING

Tecasafe® Plus 580 has superior moisture management properties and dries faster than Nomex® for more comfort. The series of 6 photos show a swatch of each fabric after application of one drop of water:

Nomex® Comfort Orange



Tecasafe® Plus Khaki



2 SECONDS



10 SECONDS



60 SECONDS









120 SECONDS

# DURABILITY

Laboratory tests indicate Tecasafe® Plus 580 has equivalent or better abrasion and pilling resistance than Nomex® Comfort (150 GSM).



ASTM D3512

TABER ABRASION TEST RESULTS			
TECASAFE® PLUS 580 KHAKI			
			
NOMEX®COMFORT ORANGE			
			
100 CYCLES	125 CYCLES	150 CYCLES	

ASTM D3884

# DRESS UNIFORM SHIRT

---

BANDED, BUTTON-DOWN COLLAR.  
CUFFS WITH BUTTON CLOSURE.  
BUTTON-FRONT PLACKET

**5.8 OZ. COOLTOUCH® 2**

**UNIFORM SHIRT** NEW NFPA  
2112 1  
HRC

**SMU4** - Men's (Reg) M-3XL. (Long) L-2XL.

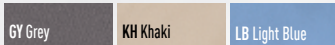
Full side seam gusset.

**Fabric:** Flame-resistant, 5.8 oz. (195 gsm)  
48% Modacrylic/37% Lyocell/15% Para-Aramid

**Protection:** Arc Rating ATPV 6.5 calories/cm<sup>2</sup>

Flash Fire: NFPA 2112, ISO 11612 Certified

Colors: Grey (GY), Khaki (KH), Light Blue (LB)



Please Note: Colors vary for each garment.  
Reference the two letter color code for available color(s).



# DELUXE COVERALLS

---

ONE PIECE, TOP STITCHED, LAY-FLAT COLLAR. TWO-WAY, CONCEALED, NOMEX® TAPED, BRASS BREAK-AWAY ZIPPER WITH CONCEALED SNAP AT TOP OF ZIPPER AND AT NECK. CONCEALED SNAP CLOSURE ON CUFF. DEEP-PLEATED ACTION BACK.

## 5.8 OZ. COOLTOUCH® 2 DELUXE COVERALL

CMD4 - Men's (Reg) 38-58. (Long) 42-58.

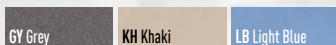
Two angled chest pockets with flaps that conceal zipper closures.

**Fabric:** Flame-resistant, 5.8 oz. (195 gsm)  
48% Modacrylic/37% Lyocell/15% Para-Aramid

**Protection:** Arc Rating ATPV 6.5 calories/cm<sup>2</sup>

**Flash Fire:** NFPA 2112, ISO 11612 Certified

**Colors:** Grey (GY), Khaki (KH), Light Blue (LB)



Please Note: Colors vary for each garment.

Reference the two letter color code for available color(s).



# TECASA® PLUS 7 OZ.

## PROTECTION

NFPA 70E HRC 2 and NFPA 2112 certified. Inherently FR, protection won't wash out or wear out, low manikin % body burn, low thermal shrinkage and excellent strength after thermal exposure.

## DURABILITY

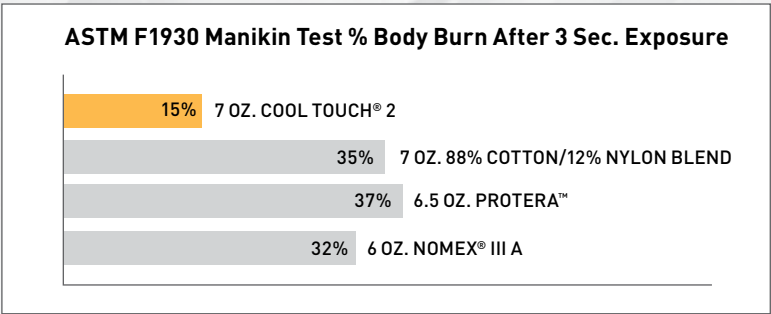
Superior abrasion resistance, higher strength against tears and retains outstanding strength and excellent appearance after multiple industrial launderings.







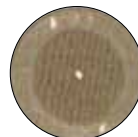

## COMFORT

Soft hand and breathable, better than conventional FR fabrics Superior moisture management; special cellulosic fibers wick 3 times better than cotton.

## GARMENT LIFE

Under normal wear conditions, garment life should be comparable to Nomex® and 2-3 times the life of durable FR 100% cotton.



TABER ABRASION TEST RESULTS			
COOL TOUCH® 2	88% COTTON 12% NYLON BLEND	PROTERA™	NOMEX® III A
			
150 CYCLES			
			
250 CYCLES			



# DRESS UNIFORM SHIRT

---

BANDED, BUTTON-DOWN COLLAR.  
CUFFS WITH BUTTON CLOSURE.  
BUTTON-FRONT PLACKET

## 7 OZ. DRESS UNIFORM SHIRT

SMU2 (shown left) - Men's (Reg) S-3XL. (Long) M-2XL.

Full side seam gusset.

**Fabric:** Flame-resistant, 7 oz. 48% Modacrylic/37%  
Lyocell/15% Para-Aramid

**Protection:** Arc Rating ATPV 8.4 calories/cm<sup>2</sup>

Colors: Khaki (KH), Light Blue (LB)

---

SMU3 - Women's (Reg) S-3XL.

Full side seam gusset.

Colors: Khaki\* (KHB), Light Blue (LB)

*\* Women's delivery 4-6 weeks.*

---

SMU2 - Men's (Reg) S-3XL. (Long) M-2XL.

Full side seam gusset.

**Fabric:** Flame-resistant, 7 oz. 45% Modacrylic/  
35% Lyocell/15% Polyamide Imide/5% Para-Aramid

**Protection:** Arc Rating ATPV 10.1 calories/cm<sup>2</sup>

Colors: Navy (NV)

---

SMU3 - Women's (Reg) S-3XL.

Full side seam gusset.

Colors: Navy (NVB)

*Women's delivery 4-6 weeks.*



**KH** Khaki

**LB** Light Blue

**NV** Navy

Please Note: Colors vary for each garment.  
Reference the two letter color code for available color(s).

# WORK PANT

---

WAISTBAND WITH BUTTON CLOSURE.  
TWO SLACK-STYLE FRONT POCKETS.  
LEFT HIP POCKET WITH BUTTON CLOSURE.

## 7 OZ. COOLTOUCH® 2 CARGO POCKET PANT

PMU2 - Men's Size Chart 

Waistband with hook-and-bar closure. Two utility pockets. Left cargo pocket has two snap closures. Right utility pocket is open.

**Fabric:** Flame-resistant, 7 oz. 45% Modacrylic/35% Lyocell/  
15% Polyamide Imide/5% Para-Aramid

**Protection:** Arc Rating ATPV 10.1 calories/cm<sup>2</sup>

Color: Navy (NV)

---

PMU3 - Women's Size Chart 

Waistband with button closure.

Color: Navy (NVB)



*Women's delivery 4-6 weeks.*



# DELUXE COVERALLS

---

ONE PIECE, TOP STITCHED, LAY-FLAT COLLAR. TWO-WAY, CONCEALED, NOMEX® TAPED, BRASS BREAK-AWAY ZIPPER WITH CONCEALED SNAP AT TOP OF ZIPPER AND AT NECK. CONCEALED SNAP CLOSURE ON CUFF. DEEP-PLEATED ACTION BACK.



**CMD6** - Men's (Reg) 38-58. (Long) 42-58.  

**Fabric:** Flame-resistant, 7 oz. 48% Modacrylic/37% Lyocell/15% Para-Aramid

**Protection:** Arc Rating ATPV 8.4 calories/cm<sup>2</sup>

**Color:** Khaki (KH)

---

**CMD6** - Men's (Reg) 38-58. (Long) 42-58.  

**Fabric:** Flame-resistant, 7 oz. 45% Modacrylic/35% Lyocell/15% Polyamide Imide/5% Para-Aramid

**Protection:** Arc Rating ATPV 10.1 calories/cm<sup>2</sup>

**Color:** Navy (NV)

**KH** Khaki

**NV** Navy


Please Note: Colors vary for each garment.  
Reference the two letter color code for available color(s).



# WORK PANT

---

WAISTBAND WITH BUTTON CLOSURE.  
TWO SLACK-STYLE FRONT POCKETS.  
LEFT HIP POCKET WITH BUTTON CLOSURE.

PMW2 - Men's Size Chart **B**  

**Fabric:** Flame-resistant, 7 oz. 45% Modacrylic/  
35% Lyocell/15% Polyamide Imide/5% Para-Aramid

**Protection:** Arc Rating ATPV 10.1 calories/cm<sup>2</sup>

Colors: Navy (NV)

PMW3 - Women's Size Chart **D**  

Colors: Navy (NV)

RB Royal Blue

NV Navy

Please Note: Colors vary for each garment.  
Reference the two letter color code for available color(s).



# WORK SHIRT

---

TWO-PIECE, LINED COLLAR.  
HEMMED FRONT WITH BUTTON  
CLOSURE. SLEEVE VENT.

## HI-VISIBILITY FLAME-RESISTANT

### WORK SHIRT



**SMW4** - Men's (Reg) M-3XL. (Long) M-3XL.

360° visibility with front and back 2" flame-resistant silver reflective striping. Button-front closure.

**Fabric:** Flame-resistant, 7 oz. 48% Modacrylic/  
37% Lyocell/15% Para-Aramid

**Protection:** Arc Rating ATPV 8.4 calories/cm<sup>2</sup>

*Flame-resistant ANSI 107-2004 & ANSI 107-2010*

*Class 2 Level 2 Compliant*

Color: Yellow/Green (HV)



## SIZE CHARTS - PANTS

**PANT SIZE CHART B (SPECIFY WAIST & INSEAM)**

WAIST	28	29	30	31	32	33	36	38	40	42	44	46	48	50
36 UNF	▲	▲							▲	▲	▲	▲	▲	▲
37 UNF			▲	▲	▲	▲	▲	▲						

PANT SIZE CHART D **D**[illegible]



We always put **safety first** –  
that's the promise behind  
the patch you'll find on every  
Bulwark® garment.

Bulwark® Protective Apparel markets TenCate Tecasafe® Plus fabric under the brand name "COOL TOUCH® 2."

Bulwark® garments are designed for continuous wear. They meet the flame resistance requirements specified in ASTM International Standard F2302-08 for labeling protective clothing as heat and flame-resistant. They also meet the performance requirements of National Fire Protection Association (NFPA) Standard 70E, Electrical Safety Requirements for Employee Workplaces, 2009 Edition, ASTM Standard F1506-08, Flame-Resistant Materials for Wearing Apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and Related Thermal Hazards. Because these fabrics are flame-resistant, they are acceptable under the Occupational Safety & Health Administration (OSHA) Final Rule 1910.269, Final Rule on Electrical Protective Equipment. For complete information on these products, as well as laundering instructions, please visit [bulwark.com](http://bulwark.com).

Product images shown here are photo mechanically reproduced. As a result, colors may vary from actual fabric samples.

**BULWARK.COM** | [facebook.com/BulwarkFR](https://facebook.com/BulwarkFR)