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No Compromise

**GENERAL
INDUSTRIES**
ARC FLASH PROTECTION

**20
15**

**FLAME-RESISTANT
APPAREL**





No Compromise

IN OUR WORLD, PREPARATION IS EVERYTHING.

We are a people of No Compromise. Because we have no other choice. We are driven by nature. By nerve. By necessity. To do the dirty. The demanding. The dangerous.

Because we're asked to be there when it's least expected. To perform miracles. To finish the job, get back up, and do it again. Only better.

Because we know what's at stake. And what it takes to stare into the face of fire. Unblinking. Together, we built this industry. Together we'll write its future.

Because we are the best at what we do. In a business that cannot tolerate posers.

Because there are brands that make FR. Then there are FR brands. And only one was born on the frontlines of the Canadian oil fields more than 44 years ago. Its patch the mark of excellence, and choice of industry veterans around the globe, ever since. It's our brand of FR.

A BRAND OF NO COMPROMISE. BULWARK.

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No Compromise

Use our fabric guide to help you select the optimal Bulwark® fabric for any situation. Our comprehensive range of industry-leading options guarantees a perfect fit for a wide variety of industrial applications.



iQ COMFORT SERIES™

iQ fabrics shift our collective mindset from the garment to the wearer and are designed to solve real-world problems. From the yarn blending to the fabric finishing, this fabric is created by a team of professional scientists and skilled technicians with a hands-on approach. iQ fabrics are created from blends of high performance fibers incorporated into superior fabrics using a unique dual elemental FR treatment. iQ flame resistant fabrics are available in a variety of weights and are designed to achieve multiple industry standards.

THE BULWARK® APP

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Available for iPhone and Android.



EXCEL FR® 100% COTTON. 100% COMFORT. 100% FLAME-RESISTANT.

EXCEL FR® cotton garments offer unbeatable protection for foundries, flame cutting and welding, as well as electrical utilities and the chemical, oil, gas and petrochemical industries. All EXCEL FR® cotton apparel is permanently treated to guarantee flame resistance for the life of the garment.

EXCEL FR® COMFORTOUCH® COTTON'S COMFORT. NYLON'S DURABILITY.

This practical 88% Cotton/12% Nylon blend provides long-lasting protection for nearly all work environments. Ideal applications include ferrous metals, electrical utilities and the chemical, oil, gas and petrochemical industries. Every EXCEL FR® ComforTouch® garment is engineered to provide flame resistance for the life of the garment.

NOMEX® IIIA LIGHTWEIGHT. BREATHABLE. INHERENTLY FLAME-RESISTANT.

DuPont Nomex® IIIA (93% Nomex® Aramid/5% Kevlar® Aramid/2% Anti-Static Fiber) garments are extremely durable and are not damaged by laundering. Nomex® IIIA apparel is preferred by workers in petrochemical and refinery environments and makes a great choice for electric and gas utility workers.

COOLTOUCH® 2 DURABLE. WICKABLE. BLENDED INHERENT.

CoolTouch® 2 garments provide flame-resistant protection in a lightweight blended fabric (48% Modacrylic/37% Lyocell/15% Para-Aramid and 45% Modacrylic/35% Lyocell/15% Polyamide/5% Para-Aramid). The result – unbeatable softness coupled with lasting durability and available in CAT1 and CAT2 protection.

FR HI-VISIBILITY FLAME-RESISTANT. COMFORTABLE. COMPLIANT.

Bulwark® offers garments designed to provide additional wearer safety during periods of limited visibility or in the often complex and varying backgrounds found in many occupations such as traffic control, construction and utility work along roadways and equipment operation.

HI-VISIBILITY RAINWEAR BE SAFE. BE DRY. BE SEEN.

Flame-resistant rainwear from Bulwark® provides an effective barrier against rain and wind. Extra confidence comes from knowing these garments will not melt, drip or burn when exposed to an electrical arc or flash fire.

MOLTEN METAL® PROTECTION SHED MOLTEN ALUMINUM. CAST OFF CRYOLITE.

Because of its unique ability to shed molten aluminum as well as cryolite, specialized Molten Metal® Protective garments are used extensively throughout the aluminum casting industry. Our products are inherently flame-resistant, so their ability to protect will never be compromised by laundering.

FR DISPOSABLES PROTECT OTHER GARMENTS. PREVENT CONTAMINANT SOILING.

Sontara® Extend FR garments are water-repellent and made to withstand minor splashes without saturation to garments underneath. Use them to extend the life of more expensive thermal protective garments.

ELECTRICAL SWITCHING CLOTHING PROTECTION FOR MAXIMUM EXPOSURE.

For employees installing, maintaining or repairing high-voltage electrical systems, Bulwark®'s 40 cal/cm² electrical switching coat, bib and hood with face shield provide protection from extreme electrical arc risks.

ICON LEGEND

Throughout the catalog, you will notice different icons next to the product descriptions for our garments. The icons help you quickly determine new products, CAT protection, NPFA® 2112 Compliance and ISO/EN certification.



CATEGORY 1 PROTECTION

Arc-rated FR long-sleeve shirt and FR pants or FR coverall with a required minimum ATPV of 4 cal/cm².



CATEGORY 2 PROTECTION

Arc-rated FR long-sleeve shirt and FR pants or FR coverall with a required minimum ATPV of 8 cal/cm².



CATEGORY 3 PROTECTION

Arc-rated FR long-sleeve shirt and pants or FR coverall, and arc flash suit selected so that the system arc rating meets the required minimum and a required minimum ATPV of 25 cal/cm².



CATEGORY 4 PROTECTION

Arc-rated FR long-sleeve shirt and pants or FR coverall, and arc flash suit selected so that the system arc rating meets the required minimum and a required minimum ATPV of 40 cal/cm².



NFPA® 2112 COMPLIANT

Bulwark® Protective Apparel offers flame-resistant protective garments that are certified by Underwriters Laboratories to meet the requirements of NFPA® 2112 Standard on Flame Resistant Garments for Protection of Industrial Personnel Against Flash Fire, 2012 Edition. NFPA® 2113 Standard on Selection, Care, Use, and Maintenance of Flame Resistant Garments for Protection of Industrial Personnel Against Flash Fire, 2015 Edition, requires that garments cover the upper and lower body and flammable underlayers as completely as possible. Bulwark® garments meet this requirement either as a single garment such as a coverall or when worn with another certified garment such as a shirt or pants to provide both upper and lower body coverage.



This **BULWARK® FR** collection has been designed according to the PPE Directive 89/686/EEC and specifically to the European Standards EN 340:2003 (General Requirements for protective clothing), EN ISO 11612: 2008 (Protective Clothing for Industrial workers exposed to heat and flame), EN 1149-5:2008 (Protective clothing – Electrostatic properties) and IEC 61482-2:2009 (Protective Clothing against the thermal hazards of an electric arc) to the referenced performance levels. ECType examination by a Notified Body has proven that the clothing meets the fundamental requirements as described in the European Directive 89/686/EEG. The CE mark is the visible sign of our compliant PPE.

WASH CODES



INDUSTRIAL LAUNDER: This method of laundering is commonly used to remove heavy soil with a combination of higher water temperatures (160° F max) and harsher chemistry. More aggressive wash formulas may be necessary to remove heavy soils but may result in accelerated color loss and perhaps reduced garment service life.



LIGHT SOIL: This less aggressive (industrial) laundering process is commonly used on uniforms which are lightly soiled or made of fabrics that are not designed to withstand higher wash temperatures or harsher chemistry. Water temperatures in light soil formula are usually held to a maximum of 140° F.



HOME WASH: A laundering process normally defined as washing in a residential type top- or front-loading unit followed by tumble drying. Detergents used in this process are formulated for home use and are readily available on the consumer market.

ISO 13688 (formerly EN 340:2003) - Protective clothing - General requirements

PERFORMANCE CLASSIFICATION	PERFORMANCE CLASSIFICATION	PICTOGRAM
<ul style="list-style-type: none"> Innocuousness Design Comfort Ageing Sizes (body dimensions) Marking User info 	Compliant	 EN 340:2003

EN ISO 11612:2008 - Protective clothing against heat and flame

PERFORMANCE CLASSIFICATION	PERFORMANCE CLASSIFICATION	PICTOGRAM
A = Limited flamespread (A1 = surface ignition, A2 = edge ignition) B = Convective heat (class 1-3) C = Radiation heat (class 1-4) D = Molten aluminium (class 1-3) E = Molten iron (class 1-3) F = Contact heat (class 1-3) "0" means no protection offered	A1 B1 C1 D0 E0 F0	 EN ISO 11612:2008 A1,B1,C1

IEC 61482-2:2009 - Live working - Protective Clothing against the thermal hazards of an electric arc

PERFORMANCE CLASSIFICATION	PERFORMANCE CLASSIFICATION	PICTOGRAM
Arc thermal resistance on garment tested against: <ul style="list-style-type: none"> IEC 61482-1-1 ATPV method Min ATPV: 4 cal/cm² Arc current: 8 kA Voltage: 2000 V Distance to sample: 30 cms Duration: 0,05-1,5 sec IEC 61482-1-2 Box test method Class 1-4 kA or Class 2-7 kA 	ATPV test method <i>For individual ATPV ratings, see label sewn into garment</i>	 IEC 61482-2:2009 ATPV = X.X Cal/Cm²

EN 1149-5:2008 - Protective Clothing - Electrostatic properties, part 5: performance requirements.

PERFORMANCE CLASSIFICATION	PERFORMANCE CLASSIFICATION	PICTOGRAM
The material test has been carried out according to EN 1149-3:2004: Test method for measurement of charge decay. Half decay time $T_{50} < 4$ sec And/or shielding factor $S > 0,2$	Compliant	 EN 1149-5:2008

WHAT ARE THE ELECTRICAL SAFETY REQUIREMENTS FOR THE WORKPLACE?

National Fire Protection Association (NFPA®) Standard 70E, Standard for Electrical Safety in the Workplace addresses electrical safety requirements for activities such as operation, repair or demolition of exposed energized electrical conductors or circuit parts. Virtually all aspects of workplace electrical safety, recognizing hazards associated with the use of electrical energy, and taking precautions so that hazards do not cause injury or death are included.

Total system arc rating of layered ensembles must be determined by a multilayer arc test on the combination of all the layers assembled as they would be worn, rather than adding the arc ratings of the individual layers. The standard allows nonmelting, flammable fiber garments to be used as undergarments for added protection. However if PPE is selected using Table 130.7(C)(15) in the standard, all layers used to determine the total system arc rating must be flame-resistant.

Under NFPA® 70E employers must document and implement an overall electrical safety program that includes job briefing procedures and a hazard risk evaluation. This program must be audited annually. If energized electrical conductor or circuit parts operating at 50 volts or more are not placed in an electrically safe work condition, written authorization by work permit is required. Employees must be qualified to do the work and trained to understand the specific hazards and potential injury associated with electrical energy. Employees exposed to shock hazards must be retrained annually in cardiopulmonary resuscitation.

Employers must conduct both shock and flash hazard analysis to establish an arc protection boundary. When work will be performed within the arc flash protection boundary, the employer must document the incident energy exposure in calories per square centimeter. Arc rated clothing conforming to the requirements of ASTM F1506 and appropriate PPE must be worn either based on the incident energy determined for the specific task or by using NFPA® 70E Table 130(C)(15) to determine the hazard/risk category (now called PPEC1 in NFPA 70E-2015 Ed.).

Canadian Standards Association Standard Z462-08, Workplace Electrical Safety is the Canadian standard for electrical workplace safety. Garments meeting the requirements of NFPA® 70E also meet the requirements specified in CSA Z462-08, Section 4.3.7. Z462 PPE requirements are currently essentially identical to the 2012 Edition of NFPA® 70E. Future plans are to modify Z462 for Canadian requirements.

Garments complying to IEC 61482-2 guarantee that the consequences of exposure to an electric arc will not be aggravated by the clothing itself. This standard addresses both the design of the garment and the materials used in manufacture.



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SHIRT | SML2GY | page 9
LAB COAT | KLL6NV | page 17
PANT | PMU2NV | page 12



POLO | SMP8NV | page 9
PANT | PEW2CH | page 12

SHIRTS

UNIFORM

Banded, topstitched cuffs with adjustable button closures. Placket front with button closure. Tailored sleeve placket.



6 OZ. UNIFORM SHIRT | SLU8GY |
Protection: Arc Rating ATPV 8.7 calories/cm²
Also available in Khaki (KH), Light Blue (LB), Navy (NV), Orange (OR)



6.5 OZ. PLAID DRESS SHIRT | SLG8RK |
Protection: Arc Rating ATPV 8.7 calories/cm²
Also available in Red/Navy (RN), Hunter/Navy (HN)



7 OZ. DENIM DRESS SHIRT
SEG2LD |
Protection: Arc Rating ATPV 8 calories/cm²

DRESS SHIRTS

Banded, button-down collar. Cuffs with button closure. Button-front placket.



7 OZ. DRESS UNIFORM SHIRT
SLU2SY |
Protection: Arc Rating ATPV 8.6 calories/cm²
Also available in Khaki (KH), Light Blue (LB), Navy (NV), Royal Blue (RB)



WOMEN'S 7 OZ. DRESS UNIFORM SHIRT
SLU3LBB |
Protection: Arc Rating ATPV 8.6 calories/cm²
Also available in Khaki (KH), Navy (NVB), Royal Blue (RBB), Silver Grey (SYB)



7 OZ. DRESS UNIFORM SHIRT
SMU2KH |
Protection (Navy): Arc Rating ATPV 10 calories/cm²
Protection (Khaki, Light Blue): Arc Rating ATPV 9 calories/cm²
Also available in Light Blue (LB), Navy (NV)



WOMEN'S 7 OZ. DRESS UNIFORM SHIRT
SMU3NV |
Protection (Navy): Arc Rating ATPV 10 calories/cm²
Protection (Khaki, Light Blue): Arc Rating ATPV 9 calories/cm²
Also available in Khaki (KHB), Light Blue (LB)

DRESS UNIFORM

Banded, button-down collar. Cuffs with button closure. Button-front placket.



CONCEALED-GRIPPER POCKETLESS WORK SHIRT
SLS2LB |
Protection: Arc Rating ATPV 8.6 calories/cm²
Also available in Navy (NV)



CONCEALED-GRIPPER POCKETLESS WORK SHIRT
SMS2NV |
Protection (Navy): Arc Rating ATPV 10 calories/cm²
Protection (Grey, Light Blue): Arc Rating ATPV 9 calories/cm²
Also available in Grey (GY), Light Blue (LB)



7 OZ. WORK SHIRT
SLW2KH |
Protection: Arc Rating ATPV 8.6 calories/cm²
Also available in Light Blue (LB), Navy (NV)



HI-VISIBILITY FLAME-RESISTANT WORK SHIRT | SMW4HV |
Protection: Arc Rating ATPV 9 calories/cm²

WORK SHIRTS

Two-piece, lined collar. Hemmed front with button closure. Sleeve vent.

For full product information, visit Bulwark.com.

T-SHIRTS

Self fabric crewneck-style collar and hemmed sleeves. Tagless brand and warning label. Full side seam gusset.



LONG SLEEVE TAGLESS T-SHIRT
SET2GY |
Protection: Arc Rating ATPV 9.6 calories/cm²
Also available in Navy (NV)



SHORT SLEEVE TAGLESS T-SHIRT
SET8OR |
Protection: Arc Rating ATPV 9.6 calories/cm²
Also available in Navy (NV)



**HI-VISIBILITY FLAME-RESISTANT
LONG SLEEVE T-SHIRT** | SMK2HV |
Protection: Arc Rating ATPV 8.1 calories/cm²



LONG SLEEVE TAGLESS T-SHIRT
SMT4NV |
Protection: Arc Rating ATPV 8.1 calories/cm²



LONG SLEEVE PERFORMANCE T-SHIRT
SMT2GY |
Protection: Arc Rating ATPV 8.2 calories/cm²
Also available in Khaki (KH), Navy (NV)

POLOS

Three-button placket. Rib knit, polo-style collar. Rib knit sleeve welt/cuffs.

BASE LAYERS

Self-fabric crewneck collar. Tagless. Raglan sleeves. Heatseal Bulwark® triangle centered at neck to show wearer has on FR undergarment.



LONG SLEEVE CLASSIC POLO
SMP2GY |
Protection: Arc Rating E_{pr} 8.2 calories/cm²
Also available in Khaki (KH), Navy (NV)



SHORT SLEEVE CLASSIC POLO
SMP8KH |
Protection: Arc Rating E_{pr} 8.2 calories/cm²
Also available in Grey (GY), Navy (NV)



**LONG SLEEVE FR TWO-TONED
BASE LAYER** | MPU8GY |
Protection: Arc Rating ATPV 6.4 calories/cm²



**SHORT SLEEVE FR TWO-TONED
BASE LAYER** | MPU4GY |
Protection: Arc Rating ATPV 6.4 calories/cm²

HENLEYS

Three-button placket. Knit henley collar. Rib knit cuffs. Tagless brand and label warning.

TURTLENECK

Double-layer, rib knit collar sized to protect the neck. Rib knit cuffs. Tagless brand label and warning label.



LONG SLEEVE TAGLESS HENLEY SHIRT
SEL2LB |
Protection: Arc Rating ATPV 9.6 calories/cm²
Also available in Grey (GY), Khaki (KH), Navy (NV), Orange (OR)



**LONG SLEEVE COLOR-BLOCKED
TAGLESS HENLEY SHIRT**
SEL4NK |
Protection: Arc Rating ATPV 9.6 calories/cm²



LONG SLEEVE HENLEY SHIRT
SML2GY |
Protection: Arc Rating E_{pr} 8.2 calories/cm²
Also available in Khaki (KH), Navy (NV)



**WOMEN'S LONG SLEEVE TAGLESS
HENLEY SHIRT** | SEL3NV |
Protection: Arc Rating ATPV 9.6 calories/cm²



TAGLESS MOCK TURTLENECK
SEK2NV |
Protection: Arc Rating ATPV 9.6 calories/cm²

For full product information, visit Bulwark.com.

iQ SERIES™ WOVENS

Banded, topstitched collar with red trim at neck seam. Topstitched cuff with two-button adjustable closures, tailored sleeve placket. Hemmed front placket with button closure. Napoleon pocket at left front. Stretch woven mobility panel at back armhole. iQ Series™ seam tag, and iQ Series™ reseller hang tag.

For full product information, visit Bulwark.com.



iQ SERIES™ LONG SLEEVE CONCEALED POCKET SHIRT

QS20DB |

Protection: Arc Rating ATPV 6.3 calories/cm²

Also available in Charcoal (CH), Light Tan (LT), Red (RD)



iQ SERIES™ LONG SLEEVE PATCH POCKET SHIRT

QS30LB |

Protection: Arc Rating ATPV 6.3 calories/cm²

Also available in Charcoal (CH), Dark Blue (DB), Light Tan (LT)



WOMEN'S
PRODUCT

iQ SERIES™ WOMEN'S WOVEN SHIRT

QS31LT |

Protection: Arc Rating ATPV 6.3 calories/cm²

Also available in Charcoal (CH), Light Blue (LB), Red (RD)

iQ SERIES™ KNITS

Contrasting thread color and raglan sleeves. Concealed rib knit cuffs, full sideseam gusset. iQ Series™ seam tag, iQ Series™ reseller hang tag.

For full product information, visit Bulwark.com.



iQ SERIES™ SHORT SLEEVE POLO

QT10DB |

Protection: Arc Rating ATPV 8.2 calories/cm²

Also available in Black (BK), Blue (BL), Charcoal (CH), Red (RD), Stone (TN)



iQ SERIES™ LONG SLEEVE POLO

QT12BK |

Protection: Arc Rating ATPV 8.2 calories/cm²

Also available in Blue (BL), Charcoal (CH), Dark Blue (DB), Red (RD), Stone (TN)



WOMEN'S
PRODUCT

iQ SERIES™ LONG WOMEN'S POLO

QT11RD |

Protection: Arc Rating ATPV 8.2 calories/cm²

Also available in Black (BK), Blue (BL), Charcoal (CH), Dark Blue (DB), Stone (TN)



iQ SERIES™ SHORT SLEEVE T-SHIRT

QT30CH |

Protection: Arc Rating ATPV 8.2 calories/cm²

Also available in Black (BK), Blue (BL), Dark Blue (DB), Red (RD), Stone (TN)



iQ SERIES™ LONG SLEEVE T-SHIRT

QT32RD |

Protection: Arc Rating ATPV 8.2 calories/cm²

Also available in Black (BK), Blue (BL), Charcoal (CH), Dark Blue (DB), Stone (TN)



iQ SERIES™ HENLEY | QT20CH |

Protection: Arc Rating ATPV 8.2 calories/cm²

Also available in Black (BK), Blue (BL), Dark Blue (DB), Red (RD), Stone (TN)

PANTS

DENIM

Five jean-style pockets. Two-needle felled seam construction. Choose from five fits: straight, classic, relaxed, loose and loose fit dungaree.

For full product information, visit Bulwark.com.



MEN'S RELAXED FIT JEAN
PEJ2DD | Protection: Arc Rating ATPV 18 calories/cm²



WOMEN'S CLASSIC FIT PRE-WASHED JEAN | PEJ3DW | Protection: Arc Rating ATPV 21 calories/cm²



MEN'S CLASSIC FIT PRE-WASHED JEAN | PEJ4DW | Protection: Arc Rating ATPV 21 calories/cm²



MEN'S PRE-WASHED DENIM DUNGAREE
PEJ8SW | Protection: Arc Rating ATPV 21 calories/cm²
Also available in Blue Denim (DW)



MEN'S STRAIGHT FIT SANDED DENIM JEAN | PEJMSD | Protection: Arc Rating ATPV 18 calories/cm²



WOMEN'S STRAIGHT FIT SANDED DENIM JEAN | PEJWSD | Protection: Arc Rating ATPV 18 calories/cm²



WOMEN'S CURVY FIT DENIM BLEND JEAN | PMJ5DD | Protection: Arc Rating E_{BT} 13 calories/cm²



9 OZ. JEAN-STYLE PANT
PEJ2NV | Protection: Arc Rating ATPV 11 calories/cm²

JEAN-STYLE PANTS

One-piece waistband with button closure. Five jean-style pockets. Two-needle felled seam construction.

WORK PANTS

Waistband with button closure. Two slack-style front pockets. Left hip pocket with button closure.

For full product information, visit Bulwark.com.



9 OZ. WORK PANT
PEW2VG |
Protection: Arc Rating ATPV 11 calories/cm²
Also available in Charcoal (CH), Khaki (KH), Navy (NV)



WOMEN'S 9 OZ. WORK PANT
PEW3KHB |
Protection: Arc Rating ATPV 11 calories/cm²
Also available in Navy (NV)



9 OZ. WORK PANT
PLW2NV |
Protection: Arc Rating ATPV 12 calories/cm²
Also available in Khaki (KH)



WOMEN'S 9 OZ. WORK PANT
PLW3KHB |
Protection: Arc Rating ATPV 12 calories/cm²
Also available in Navy (NVB)

CARGO PANTS

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

For full product information, visit Bulwark.com.



7 OZ. WORK PANT
PMW2NV |
Protection: Arc Rating ATPV 10 calories/cm²



WOMEN'S 7 OZ. WORK PANT
PMW3NV |
Protection: Arc Rating ATPV 10 calories/cm²



7 OZ. COOLTOUCH® 2 CARGO POCKET PANT
PMU2NV |
Protection (Navy): Arc Rating ATPV 10 calories/cm²
Protection (Khaki): Arc Rating ATPV 9 calories/cm²
Also available in Khaki (KH)



WOMEN'S 7 OZ. COOLTOUCH® 2 CARGO POCKET PANT
PMU3NV |
Protection: Arc Rating ATPV 10 calories/cm²

OVERALLS

BIB OVERALLS

Reinforced double knees. Full, Nomex® taped, ankle-to-hip brass zippers with concealed snap closure. Elasticized shoulder straps with non-conductive adjustable hardware.

For full product information, visit Bulwark.com.



DELUXE INSULATED BIB OVERALL
BLC8NV |
Protection: Arc Rating ATPV 43 calories/cm²
Also available in Royal Blue (RB)



DELUXE INSULATED BIB OVERALL WITH REFLECTIVE TRIM
BLC2NV |
Protection: Arc Rating ATPV 43 calories/cm²



DELUXE INSULATED BIB OVERALL
BNN2NV |
Protection: Arc Rating E_{BT} 62 calories/cm²



DELUXE INSULATED BIB OVERALL WITH REFLECTIVE TRIM
BNNTRB |
Protection: Arc Rating E_{BT} 62 calories/cm²



DELUXE INSULATED BIB OVERALL
BLN4BD |
Protection: Arc Rating ATPV 56 calories/cm²



DUCK UNLINED BIB OVERALL
BLF8BD |
Protection: Arc Rating ATPV 15 calories/cm²
Also available in Navy Duck (NV)



HI-VISIBILITY FLAME-RESISTANT RAIN BIB OVERALL
BXN4YE |
Protection: Arc Rating ATPV 19 calories/cm²
EBTAS 28 calories/cm²

PREMIUM COVERALLS

Mandarin-style, stand-up, two-way safety collar. Concealed snap closure on cuff. Deep-pleated action back.

For full product information, visit Bulwark.com.



PREMIUM COVERALL
CEB2RD |
Protection: Arc Rating ATPV 11 calories/cm²
Also available in Khaki (KH), Medium Grey (GY), Navy (NV), Royal Blue (RB)



PREMIUM COVERALL
CLB2KH |
Protection: Arc Rating ATPV 8.6 calories/cm²
Also available in Navy (NV), Royal Blue (RB)



PREMIUM COVERALL
CLB6RB |
Protection: Arc Rating ATPV 12 calories/cm²
Also available in Khaki (KH), Navy (NV)



WOMEN'S PREMIUM COVERALL
CLB7KHB |
Protection: Arc Rating ATPV 12 calories/cm²
Also available in Navy (NV), Royal Blue (RB)



PREMIUM COVERALL WITH REFLECTIVE TRIM
CLBTRB |
Protection: Arc Rating ATPV 12 calories/cm²



PREMIUM INSULATED COVERALL
CLC8NV |
Protection: Arc Rating ATPV 43 calories/cm²



PREMIUM COVERALL
CNN2NV |
Protection: Arc Rating E_{at} 62 calories/cm²



PREMIUM COVERALL WITH REFLECTIVE TRIM
CMBCCGY |
Protection: Arc Rating ATPV 9 calories/cm²
Also available in Royal Blue (RB)

DELUXE COVERALLS

One-piece, topstitched, 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.

For full product information, visit Bulwark.com.



DELUXE COVERALL
CED20R |
Protection: Arc Rating ATPV 11 calories/cm²
Also available in Khaki (KH), Navy (NV), Royal Blue (RB)



DELUXE COVERALL
CLD4RD |
Protection: Arc Rating ATPV 8.7 calories/cm²
Also available in Grey (GY), Khaki (KH), Navy (NV), Royal Blue (RB)



DELUXE COVERALL
CMD6KH |
Protection (Khaki): Arc Rating ATPV 9 calories/cm²
Protection (Navy): Arc Rating ATPV 10 calories/cm²
Also available in Navy (NV)



DELUXE COVERALL
CMD8HV |
Protection: Arc Rating ATPV 8.4 calories/cm²



DELUXE COVERALL
CLZ4NV |
Protection: Arc Rating ATPV 8.7 calories/cm²

CLASSIC COVERALLS

Two-way, concealed, Nomex® taped, brass break-away zipper. One-piece, topstitched, lay-flat collar. Hemmed sleeves.

For full product information, visit Bulwark.com.



CLASSIC COVERALL
CEC20R |
Protection: Arc Rating ATPV 10.6 calories/cm²
Also available in Khaki (KH), Navy (NV), Royal Blue (RB)



CLASSIC COVERALL WITH REFLECTIVE TRIM
CECTR |
Protection: Arc Rating ATPV 11 calories/cm²
Also available in Navy (NV)



CLASSIC COVERALL
CEH2NV |
Protection: Arc Rating ATPV 11 calories/cm²



CLASSIC COVERALL
CEW2VG |
Protection: Arc Rating ATPV 11 calories/cm²



CLASSIC COVERALL
CNC2TN |
Protection: Arc Rating ATPV 4.4 calories/cm²
Also available in Navy (NV), Royal Blue (RB)

OUTERWEAR

PARKAS

Knit Nomex® storm cuff within hemmed sleeve end with hook-and-loop supression tabs.
Internal snow belt.

BOMBER JACKETS

Separating, Nomex® taped, brass zipper fully covered two-layer storm flap, concealed snap closure. Stand-up collar. Concealed snap closures on cuff, external patch pockets with hand warmers. Inside chest pocket. Deep-pleated action back.

FR3 JACKET

Wind-resistant. Water-repellent. Durable.
One-of-a-kind. Breathable.

TEAM JACKET

Separating, heavy-duty, Nomex® taped, brass zipper. Rib-knit collar, cuff and waistband. Two large, inset, welted-slash pockets. Left sleeve pocket.

ZIP-IN/ZIP-OUT

Separating, heavy-duty, Nomex® taped, brass zipper. Two-piece, lined collar with center stays. Two-piece, adjustable cuff. Banded waist with button-close tabs. Two large inset, welted-slash pockets. Left sleeve pocket.

RAIN JACKET

Non-conductive durable hardware. 360° visibility. Vented back with "D" ring access. Two patch pockets with flaps. Take-up tabs on cuffs. Waterproof.

For full product information, visit Bulwark.com.



PARKA | JLP8NV |
Protection: Arc Rating ATPV 43 calories/cm²



PARKA | JNP2NV |
Protection: Arc Rating E_{BT} 62 calories/cm²
Also available in Royal Blue (RB)



PARKA WITH REFLECTIVE TRIM
JLPTRB |
Protection: Arc Rating ATPV 43 calories/cm²



LINED BOMBER JACKET
JIJ8NV |
Protection: Arc Rating ATPV 30 calories/cm²
Also available in Royal Blue (RB)



INSULATED BOMBER JACKET
JLR8RB |
Protection: Arc Rating ATPV 43 calories/cm²
Also available in Navy (NV)



LINED BOMBER JACKET
JNJ8NV |
Protection: Arc Rating ATPV 13 calories/cm²
Also available in Royal Blue (RB)



FR3 JACKET | JLF6BK |
Protection: Arc Rating E_{BT} 26 calories/cm²
Also available in Navy (NV)



TEAM JACKET | JET2NV |
Protection: Arc Rating ATPV 52 calories/cm²



TEAM JACKET | JNT2NV |
Protection: Arc Rating E_{BT} 57 calories/cm²



ZIP-IN / ZIP-OUT JACKET
JEW2NV |
Protection: Arc Rating ATPV 11 calories/cm²



HI-VISIBILITY FR RAIN JACKET
JXN4YE |
Protection: Arc Rating ATPV 19 calories/cm²
EBTAS 28 calories/cm²

OUTERWEAR/COVERINGS

JACKET LINERS

For full product information,
visit [Bulwark.com](https://bulwark.com).



**FLEECE SLEEVED JACKET
LINER | LML6NV**  
Protection: Arc Rating E_{BT} 17 calories/cm²



**FLEECE VEST JACKET
LINER | LMS6NV**  
Protection: Arc Rating E_{BT} 17 calories/cm²



**ZIP-IN/ZIP-OUT LINER
LML2GY**   
Protection: Arc Rating ATPV 61 calories/cm²



**ZIP-FRONT HOODED FLEECE
SWEATSHIRT | SEH4OR**  
Protection: Arc Rating ATPV 17 calories/cm²
Also available in Grey (GY), Navy (NV)

SWEATSHIRTS

For full product information,
visit [Bulwark.com](https://bulwark.com).



**CREWNECK FLEECE
SWEATSHIRT | SEC2NV**  
Protection: Arc Rating ATPV 17 calories/cm²



**PULLOVER HOODED FLEECE
SWEATSHIRT | SEH8NV**  
Protection: Arc Rating ATPV 17 calories/cm²



**PULLOVER HOODED FLEECE
SWEATSHIRT | SMH2NV**  
Protection: Arc Rating E_{BT} 17 calories/cm²



**ZIP-FRONT HOODED FLEECE
SWEATSHIRT | SMH6NV**  
Protection: Arc Rating E_{BT} 17 calories/cm²



**1/4 ZIP-FRONT MODACRYLIC FLEECE
SWEATSHIRT | SMZ6NV**  
Protection: Arc Rating E_{BT} 12 calories/cm²

COVERINGS

For full product information,
visit [Bulwark.com](https://bulwark.com).



**LAB COAT
KEL2LB**    
Protection: Arc Rating ATPV 7.7 calories/cm²



**CONCEALED SNAP-FRONT LAB COAT
KLL6NV**     
Protection: Arc Rating ATPV 8.7 calories/cm²



**LAB COAT
KNL2RB**    
Protection: Arc Rating ATPV 5.6 calories/cm²



**CONCEALED SNAP-FRONT LAB COAT
KNL6RB**     
Protection: Arc Rating ATPV 5.6 calories/cm²



WORK COAT | KEW2VG    
Protection: Arc Rating ATPV 10.6 calories/cm²

ACCESSORIES

For full product information,
visit Bulwark.com.



UNIVERSAL FIT SNAP-ON HOOD
EXCEL FR® COMFORTOUCH®
HLH2NV | CAT IL LS NW
Protection: Arc Rating
ATPV 43 calories/cm²
Also available in Orange (OR), Royal Blue (RB)



UNIVERSAL FIT SNAP-ON
INSULATED HOOD - NOMEX® IIIA
HHH2RB | CAT LS NW
Protection: Arc Rating
E_{BT} 62 calories/cm²
Also available in Navy (NV)



FR3 HOOD | HLH6BN | CAT NW
Protection: Arc Rating
E_{BT} 26 calories/cm²



HARD HAT LINER & FACE MASK
HNL2NV | HNM2NV | CAT LS NW
Protection: Arc Rating E_{BT} 37 calories/cm²



BALACLAVA WITH FACE
MASK | HMB2NV | CAT NW
Protection: Arc Rating ATPV 8.1 calories/cm²



KNIT BALACLAVA | HNB2NA | CAT NW
Protection: Arc Rating ATPV 26 calories/cm²



KNIT CAP | HMC2BK | CAT NW
Protection: Arc Rating E_{BT} 28 calories/cm²



FLEECE BEANIE | HMC4NV | CAT NW
Protection: Arc Rating E_{BT} 11 calories/cm²

40 CAL / CM²

For full product information,
visit Bulwark.com.



BIB OVERALL | BLC4RBB |  
Protection: Arc Rating ATPV 40 calories/cm²



SHORT COAT | CLC4RBB |  
Protection: Arc Rating ATPV 40 calories/cm²



HOOD WITH PROTECTIVE SHIELD | HLC4RBB |  
Protection: Arc Rating ATPV 40 calories/cm²



REPLACEABLE FACE SHIELD | FAC4BNB | 
Protection: Arc Rating ATPV 40 calories/cm²



DUFFLE BAG | DUF4RBB | 
Protection: Arc Rating ATPV 40 calories/cm²



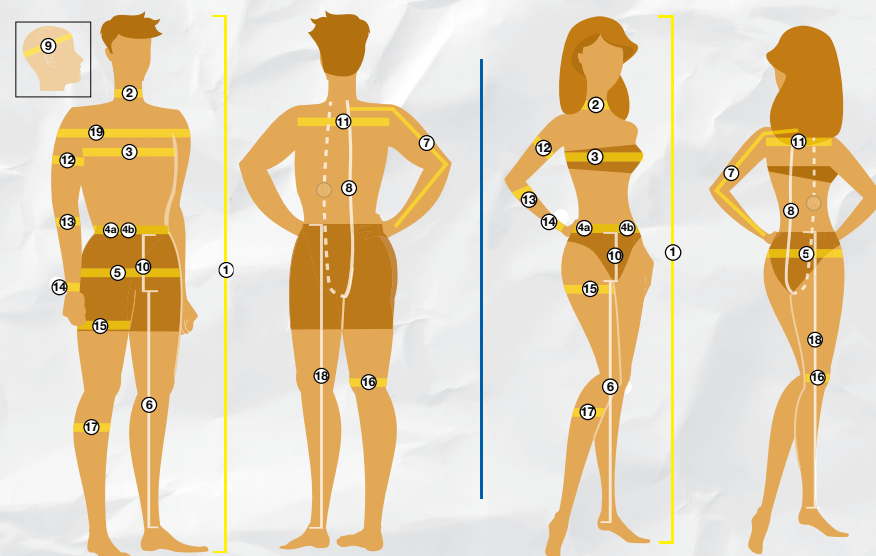
40 CAL/CM² KIT | KLT4RBB | 
Protection: Arc Rating ATPV 40 calories/cm²

HOW TO MEASURE |

FOR A CORRECT FIT:

- Please refer to size charts.
- Measurements refer to body and not garment measurements.
- Bulwark® garments have a slightly oversized fit for added comfort and protection.
- Always confirm a proper fit prior to the first wash. We are unable to accept washed garment returns.
- Women's sizes and fit available in indicated shirts, pants and coveralls.
- If you need assistance, call our Customer Care Experts: 1-800-223-3372 and Canada: 1-800-667-0700. For Distributors, call 1-800-773-5271.

1. **Height:** Stand straight against a wall without your shoes. Make a mark level with the top of your head. Measure from this point down to the floor.
2. **Neck:** Measure around the base of the neck where a collared shirt would fit or measure a collarband on a shirt that fits you well.
3. **Chest/Bust:** Measure the fullest part of your chest/bust. Hold the tape firmly, but not tightly. Be sure the tape is level and straight across your back. Stand naturally.
4. A. First, remove your belt. Then, measure overshirt (not over pants) at the position you normally wear your pants. Hold the tape firmly but not tightly.
B. Shirts and covering garments such as coveralls - Measure mid-section over clothing around the fullest part of the abdomen. Note: Include both "A" and "B" measurements if ordering multiple garments.
5. **Hips:** Stand with your heels together. Measure around the fullest part of the hips. Hold the tape measure straight and level.
6. **Inseam:** Stand with your heels together. Measure around the fullest part of the hips. Hold the tape measure straight and level.
7. **Sleeve:** Bend the elbow slightly. Start at the center back of the neck and measure across the shoulder to the elbow and down to the wrist bone.
8. **Trunk:** Measure from the base of the neck (front) down around crotch and back up to the bottom of the collar. (For coveralls only)
9. **Cap/Hat Size:** Measure the circumference of the head at it's widest diameter, approximately 1/8" above the ears.
10. **Front & Back Rises:** FRONT - This is the distance from the center front at the top of the waistband to the intersection of the crotch seams. BACK - This is the distance from the center back at the top of the waistband to the intersection of the crotch seams.
11. **Across Shoulders:** While standing with arms down, measure across the back from



one shoulder joint to the other.

12. **Upper Arm/Bicep:** Measure the maximum circumference of the upper arm just below the under arm.
13. **Forearm:** Measure the maximum circumference of the forearm at approximately 6" above the wrist.
14. **Wrist:** Measure the wrist circumference over the wrist bone.
15. **Thigh:** Measure around thigh (parallel to floor), below crotch.
16. **Knee:** With the leg straight, measure the knee circumference over the knee cap and parallel to the floor.
17. **Calf:** Measure the circumference of the largest part of the lower leg approximately half way between the knee and ankle and parallel to the floor.
18. **Outseam:** Measure along the outside of the leg from the top of the waistband to the bottom of the hem of just below the ankle bone. OR - lay garment flat, measure along outseam from top of band to bottom of hem.
19. **Over arm:** With arms at the sides, measure around the broadest part of the shoulders and upper arms, keeping the tape level at all times. If over-arm measurement is 7" larger than chest measurement, go up one size.

WOMEN'S FIT CHARTS |

LFC-01 — WOMEN'S MEASUREMENTS | SEU3

	XS		S		M		L		XL		XXL		3XL		4XL	
Size	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
Bust	31½-32	32½-33	33½-34	34½-35	35½-36	36½-37½	38-39	39½-40½	41½-42½	43½-44½	45½-46½	47½-48½	49½-50½	51½-52½	53½-54½	55½-56½
Waist	23½-24	24½-25	25½-26	26½-27	27½-28	28½-29½	30-31	31½-32½	33-34½	35-36½	37-38½	39-40½	41-42½	43-44½	45-46½	47-48½
Hip	33-33½	34-34½	35-35½	36-36½	37-37½	38-39	39½-40½	41-42	42½-44	44½-46	46½-48	48½-50	50½-52	52½-54	54½-56	56½-58

HEIGHT Petite: 4'11" - 5'3" Regular: 5'3½" - 5'7" Tall: 5'7½" - 5'11"

LFC-02 — WOMEN'S MEASUREMENTS | PEJ3, PEJW, PEW3, PLW3, PMJ5, PMU2, PMU3, PNW3, SEG5, SEL3, SLG9, SLU3, SMU3, QT11, QS31

		XS		S		M		L		XL		XXL		3XL		4XL	
Size	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
Bust	32-33	33-34	34-35	35-36	36-37	37-38	38-39½	39½-41	41-42½	42½-44½	44½-46½	46½-48½	48½-50½	50½-52½	52½-54½	54½-56½	56½-58½
Waist	25-26	26-27	27-28	28-29	29-30	30-31	31-32½	32½-34	34-35½	35½-37½	37½-39½	39½-41½	41½-43½	43½-45½	45½-47½	47½-49½	49½-51½
Hip	34½-35½	35½-36½	36½-37½	37½-38½	38½-39½	39½-40½	40½-42	42-43½	43½-45	45-47	47-49	49-51	51-53	53-55	55-57	57-59	59-61

HEIGHT Petite: 4'11" - 5'3" Regular: 5'3½" - 5'7" Tall: 5'7½" - 5'11"

LFC-05 — WOMEN'S MEASUREMENTS | CLB7, CNB3, CNB5

		XS		S		M		L		XL		XXL		3XL		4XL	
Size	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
Bust	30¾-32	32¼-33½	33¾-35	35¼-36 ½	36¾-38	38¼-39 ½	39¾-41	41¼-42 ½	42¾-44	44¼-45½	45¾-47	47¼-48½	48¾-50	50¼-51½	51¾-53	53¼-54½	54¾-56
Hip	31¾-33	33¼-34½	34¾-36	36¼-37 ½	37¾-39	39¼-40 ½	40¾-42	42¼-43 ½	43¾-45	45¼-46½	46¾-48	48¼-49½	49¾-51	51¼-52½	52¾-54	54¼-55½	55¾-57

HEIGHT Petite: 4'11" - 5'3" Regular: 5'3½" - 5'7" Tall: 5'7½" - 5'11"

PANT SIZE CHART D | PEJ3, PEJW, PEW3, PLW3, PMJ5, PMU3, PMW3, PNW3

	4	6	8	10	12	14	16	18	20	22	24
34 UNF	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

MEN'S FIT CHARTS |

MFC-03 — MEN'S MEASUREMENTS |

MPU4, MPU8, SEC2, SEH4, SEH8, SMH2, SMH6, SMK2, SML2, SMT2, SMT4, SMP2, SMP8, SMZ2, SMZ6, QT20, QT10, QT12, QT30, QT32

Size	S	M	L	XL	XXL	3XL	4XL	5XL
Chest	35-38	38-41	41-45	45-49½	49½-54	54-58½	58½-63	63-67½

MFC-07 — MEN'S MEASUREMENTS | SEU2

Size	S	M	L	XL	2XL	3XL	4XL	5XL
Neck	13⅝-14½	14⅝-15½	15⅝-16½	16⅝-17½	17⅝-18½	18⅝-19½	19⅝-20½	20⅝-21½
Chest	32½-36	36½-40	40½-44	44½-48	48½-52	52½-56	56½-60	60½-64
Waist Max	35 1/4	39¾	44¼	48¾	52¾	56¾	60¾	64¾
Sleeve Length	32	Regular Back Length						
	33							
	34	Regular Back Length plus 1½"						
	35							
	36	Regular Back Length plus 4"						
	37							
	SS	Regular Back Length						
	SSL	Regular Back Length plus 4"						

MFC-13 — MEN'S MEASUREMENTS | SEK2, SEL2, SEL4, SET2, SET8

Alpha Size	XXS	XS	S	M	L	XL	XXL	3XL	4XL	5XL	6XL	7XL	8XL
Chest	34½-36	36½-38	38½-40	40½-42	42½-44	44½-46	46½-48	48½-50	50½-52	52½-54	54½-56	56½-58	58½-60

MFC-10 — MEN'S MEASUREMENTS |

SEG2, SEG6, SES2, SLD6, SLG8, SLU2, SLU6, SLU8, SLUS, SMD8, SMU2, SMU4, SND2, SND6, SNS2

Size	S	M	L	XL	2XL	3XL	4XL	5XL
Neck	13⅝-14½	14⅝-15½	15⅝-16½	16⅝-17½	17⅝-18½	18⅝-19½	19⅝-20½	20⅝-21½
Chest	32½-36	36½-40	40½-44	44½-48	48½-52	52½-56	56½-60	60½-64
Waist Max	35¼	39¾	44¼	48¾	52¾	56¾	60¾	64¾
Sleeve Length	RG	33	33½	34	34½	35	35	35
	LN	35½	35½	36	36	36	36	36
	XLN	37	37	37	37	37	37	37
Back Length	RG	Regular Back Length						
	LN	Regular Back Length plus 1½"						
	XLN	Regular Back Length plus 4"						
	SS	Regular Back Length						
	SSL	Regular Back Length plus 4"						

MFC-12 — MEN'S MEASUREMENTS | JET2, JEW2, JLH4, KEL2, KEW2, KNL2, KNL6, LML2, JNT2

Alpha Size	XS		S		M		L		XL		XXL		3XL		4XL		5XL	
Chest Size	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66
Chest Max	32"	34"	36"	38"	40"	42"	44"	46"	48"	50"	52"	54"	56"	58"	60"	62"	64"	66"

NOTE: If waist size is larger than chest size, use waist measurement as size.

Short: 5'3" - 5'7" Regular: 5'7" - 5'11" Long: 5'11" - 6'3" XLong: 6'3" - 6'7"

NOTE: Stock sizes may vary by color/item. Sizes are based on actual body measurements in inches. Styles and sizes are subject to change or withdraw without notice.

MEN'S FIT CHARTS |

MFC-14 — MEN'S MEASUREMENTS

BLF8, BNF8, CEB2, CEC2, CECT, CED2, CEH2, CEW2, CLB2, CLB6, CLBC, CLBT, CLD4, CLD6, CMBC, CMD4, CMD6, CMD8, CNB2, CNB6, CNBT, CNC2

Alpha Size	XS		S		M		L		XL		XXL		3XL		4XL		5XL	
Numeric Size	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
Chest Size	28½-30	30½-32	32½-34	34½-36	36½-38	38½-40	40½-42	42½-44	44½-46	46½-48	48½-50	50½-52	52½-54	54½-56	56½-58	58½-60	60½-62	62½-64
Waist Max.	30½	32½	34½	36½	38½	40½	42½	44½	46½	48½	50½	52½	54½	56½	58½	60½	62½	64½

Short: 5'3" - 5'7" Regular: 5'7" - 5'11" Long: 5'11" - 6'3" XLong: 6'3" - 6'5"

MFC-15 — MEN'S MEASUREMENTS

BLC8, BLCT, BLN4, BNN2, BNNT, CLC8, CNN2

Alpha Size	XS		S		M		L		XL		XXL		3XL		4XL		5XL	
Numeric Size	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
Chest Size	28½-30	30½-32	32½-34	34½-36	36½-38	38½-40	40½-42	42½-44	44½-46	46½-48	48½-50	50½-52	52½-54	54½-56	56½-58	58½-60	60½-62	62½-64
Waist Max.	28½	30½	32½	34½	36½	38½	40½	42½	44½	46½	48½	50½	52½	54½	56½	58½	60½	62½

Short: 5'3" - 5'7" Regular: 5'7" - 5'11" Long: 5'11" - 6'3" XLong: 6'3" - 6'5"

MFC-16 — MEN'S MEASUREMENTS

KDE4, KEE2

Alpha Size	XS	S	M	L	XL	XXL	3XL	4XL	5XL
Chest	33½-36	36½-39	39½-42	42½-45	45½-48	48½-51	51½-54	54½-57	57½-60

MFC-17 — MEN'S MEASUREMENTS

MFC-17 — MEN'S MEASUREMENTS | JLB8, JLC4, JLI8, JLSJ, JLCJ, JLPC, JLP5, JLP7, JLP8, JLR8, JMJ4, JMJ8, JMP8, JMR8, JNJ8, JNJ7, JNP2, JNPT, LLL2, LLS2, LML6, LMS6, LNL2, LNS2

Alpha Size	XS	S	M	L	XL	XXL	3XL	4XL	5XL
Chest Max	34	36	40	44	48	50	52	54	56

NOTE: If waist size is larger than chest size, use waist measurement as size.

MFC-24 — MEN'S MEASUREMENTS

CEW2

Alpha Size	XS		S		M		L		XL		XXL		3XL		4XL		5XL	
Numeric Size	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66
Chest	30½ - 32	32½ - 34	34½ - 36	36½ - 38	38½ - 40	40½ - 42	42½ - 44	44½ - 46	46½ - 48	48½ - 50	50½ - 52	52½ - 54	54½ - 56	56½ - 58	58½ - 60	60½ - 62	62½ - 64	64½ - 66
Waist Max	30½	32½	34½	36½	38½	40½	42½	44½	46½	48½	50½	52½	54½	56½	58½	60½	62½	64½

Short: 5'3" - 5'7" Regular: 5'7" - 5'11" Long: 5'11" - 6'3" XLong: 6'3" - 6'7"

MFC-18 — MEN'S MEASUREMENTS

VMV4, VMV8

Alpha Size	M	XL	3XL	5XL	7XL
Chest Max	40	48	52	56	60

NOTE: If waist size is larger than chest size, use waist measurement as size.

MEN'S FIT CHARTS |

MFC-46 — MEN'S MEASUREMENTS | SAW2, SEW2, SLS2, SLW2, SMW4, SMS2, SWW2

Size	S	M	L	XL	2XL	3XL	4XL	5XL
Neck	13 ⁵ / ₈ -14 ¹ / ₂	14 ³ / ₈ -15 ¹ / ₂	15 ⁵ / ₈ -16 ¹ / ₂	16 ⁵ / ₈ -17 ¹ / ₂	17 ⁵ / ₈ -18 ¹ / ₂	18 ⁵ / ₈ -19 ¹ / ₂	19 ⁵ / ₈ -20 ¹ / ₂	20 ⁵ / ₈ -21 ¹ / ₂
Chest	34 ¹ / ₂ -38	38 ¹ / ₂ -42	42 ¹ / ₂ -46	46 ¹ / ₂ -50	50 ¹ / ₂ -53	53 ¹ / ₂ -56	56 ¹ / ₂ -59	59 ¹ / ₂ -62
Waist Max	36	40	44	48	51 ¹ / ₂	55	58 ¹ / ₂	62
Sleeve Length	RG	34 ¹ / ₄	34 ³ / ₄	35 ¹ / ₄	35 ³ / ₄	36 ¹ / ₄	36 ³ / ₄	37 ¹ / ₄
	LN	35 ³ / ₄	36 ¹ / ₄	36 ³ / ₄	37 ¹ / ₄	37 ³ / ₄	38 ¹ / ₄	38 ³ / ₄
	XLN	37 ¹ / ₄	37 ³ / ₄	38 ¹ / ₄	38 ³ / ₄	39 ¹ / ₄	39 ³ / ₄	40 ¹ / ₄
Back Length	RG	Regular Back Length						
	LN	Regular Back Length plus 1 ¹ / ₂ "						
	XLN	Regular Back Length plus 4"						
	SS	Regular Back Length						
	SSL	Regular Back Length plus 4"						

MFC-77 — MEN'S MEASUREMENTS | QS30, QS20, SLU4

Size	S	M	L	XL	2XL	3XL	4XL	5XL	6XL
Neck	14 ⁷ / ₈ -15 ³ / ₄	15 ⁷ / ₈ -16 ³ / ₄	16 ⁷ / ₈ -17 ³ / ₄	17 ⁷ / ₈ -18 ³ / ₄	18 ⁷ / ₈ -19 ³ / ₄	19 ⁷ / ₈ -20 ³ / ₄	20 ⁷ / ₈ -21 ³ / ₄	21 ⁷ / ₈ -22 ³ / ₄	22 ⁷ / ₈ -23 ³ / ₄
Chest	34 ¹ / ₂ - 38	38 ¹ / ₂ - 42	42 ¹ / ₂ - 46	46 ¹ / ₂ - 50	50 ¹ / ₂ - 54	54 ¹ / ₂ - 58	58 ¹ / ₂ - 62	62 ¹ / ₂ - 66	66 ¹ / ₂ - 70
Waist Max	35 ¹ / ₂	40	44 ¹ / ₂	49	53	57	61	65	69
Sleeve Length	RG	34 ¹ / ₄	34 ³ / ₄	35 ¹ / ₄	35 ³ / ₄	36 ¹ / ₄	36 ³ / ₄	36 ¹ / ₄	36 ³ / ₄
	LN	36 ¹ / ₄	36 ¹ / ₄	36 ³ / ₄	36 ³ / ₄	36 ³ / ₄	36 ³ / ₄	36 ³ / ₄	36 ³ / ₄
	XLN	37 ³ / ₄	37 ³ / ₄	37 ³ / ₄	37 ³ / ₄	37 ³ / ₄	37 ³ / ₄	37 ³ / ₄	37 ³ / ₄
Back Length	RG	Regular Back Length							
	LN	Regular Back Length plus 1 ³ / ₈ "							
	XLN	Regular Back Length plus 4"							
	SS	Regular Back Length							
	SSL	Regular Back Length plus 4"							

MFC-70 — MEN'S MEASUREMENTS | KLL6, KNL6, KML6

Alpha Size	XS	S	M	L	XL	XXL	3XL	4XL	5XL	6XL	7XL	8XL
Chest Size	34	36	38	40	42	44	46	48	50	52	54	56
Chest Max	34"	36"	38"	40"	42"	44"	46"	48"	50"	52"	54"	56"

NOTE: If waist size is larger than chest size, use waist measurement as size.

Short: 5'3" - 5'7" Regular: 5'7" - 5'11" Long: 5'11" - 6'3" XLong: 6'3" - 6'7"

MFC-42 — MEN'S MEASUREMENTS | JXN6

Alpha Size	XS	S	M	L	XL	XXL	3XL	4XL	5XL	6XL
Chest Max	35	38	41	45	49	53	57	61	64 ¹ / ₂	68 ¹ / ₂

NOTE: If waist size is larger than chest size, use waist measurement as size.

MFC-51 — MEN'S MEASUREMENTS | BLC4, BXN4, BXN6

Alpha Size	S	M	L	XL	XXL	3XL	4XL	5XL
Chest Max	33	36	39	42	45	48	51	54

NOTE: If waist size is larger than chest size, use waist measurement as size.

MFC-52 — MEN'S MEASUREMENTS | CLC4

Alpha Size	S	M	L	XL	XXL	3XL	4XL	5XL
Chest Max	39	42	45	48	51	54	57	60

NOTE: If waist size is larger than chest size, use waist measurement as size.

MFC-53 — MEN'S MEASUREMENTS | JXN4

Alpha Size	S	M	L	XL	XXL	3XL	4XL	5XL
Chest Max	35	39	43	47	51	55	59	63

NOTE: If waist size is larger than chest size, use waist measurement as size.

MFC-74 — MEN'S MEASUREMENTS | JLF6

Alpha Size	XS	S	M	L	XL	XXL	3XL	4XL	5XL	6XL
Chest Max	36	38	42	46	50	52	54	56	58	60

NOTE: If waist size is larger than chest size, use waist measurement as size.

Short: 5'3" - 5'7" Regular: 5'7" - 5'11" Long: 5'11" - 6'3" XLong: 6'3" - 6'7"

SIZE CHARTS - PANTS |

PANT SIZE CHART A (SPECIFY WAIST & INSEAM) | PEJ2, PEJ8, PLJ8, PNJ8, PNP8

WAIST	28	30	32	34	36	38	40	42	44	46	48	50
37 UNF	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

PANT SIZE CHART B (SPECIFY WAIST & INSEAM) | PEW2, PLW2, PMU2, PMW2, PNW2

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

PANT SIZE CHART G (SPECIFY WAIST & INSEAM) | PAW2

WAIST	28	30	32	34	36	38	40	42	44
36 UNF	▲						▲	▲	▲
37 UNF		▲	▲	▲	▲	▲			

PANT SIZE CHART H (SPECIFY WAIST & INSEAM) | PEJ4, PEJ6, PEJM

WAIST	28	30	31	32	33	34	35	36	38	40	42	44	46	48	50
37 UNF	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

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Canada: 1-800-667-0700

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