

Personal Protective Equipment **Catalog 2021**



ALASDAF Trading Est

E: alasdaf@al-asdaf.com

T: +966 13 362 0988

F: +966 13 362 0984

www.alasdaf.com.sa



STEEL GRIP INC.

Qualified Protection to meet your needs.

Table of Contents

INFORMATION & GUIDES	Page
Policy (orders/shipping).....	1
Policy (prices/payment/delivery/returns).....	2
Material/Fabric Reference	3
Material/Fabric Reference	4
Temperature Guide	11
Standard Garment Sizing Charts	43
Cut Resistance Chart	(Inside Back Cover) 44
Arm Guards Chart	(Inside Back Cover) 44

PRODUCT	Page
Finger & Thumb Guards	5
Anti-Vibration / Cumulative Trauma Guards	6
Hand Protection	7
High Heat Gloves	8
High Heat Gloves / Mitts	9
High Heat Covers	10
High Heat Mitt / Temperature Guide	11
Aluminized / Primary Apparel (Hood)	12
Aluminized / Primary Apparel (Coat / Jacket)	13
Aluminized / Primary Apparel (Overpant / Chaps / Boots)	14
Secondary Apparel (Jacket / Shirt / Coverall)	15
Secondary Apparel (Pant / Overall).....	16
Secondary Apparel VINEX FR-9B® (Extended Wear - Shirt / Pant).....	17
Secondary Apparel VINEX FR-9B® (Extended Wear - Jacket / Coverall)	18
Secondary Apparel Westex by Milikin UltraSoft® and FR Cotton (Extended Wear - Shirt / Pant).....	19
Secondary Apparel Westex by Milikin UltraSoft® and FR Cotton (Extended Wear - Jacket)	20
Secondary Apparel Westex by Milikin UltraSoft® and FR Cotton (Extended Wear - Coverall)	21
Secondary Apparel TENCATE OASIS® (Extended Wear - Shirt / Pant).....	22
Secondary Apparel MELTON WOOL (Extended Wear - Jacket)	22
Reflective Trim	23
Sleeves	24

PRODUCT	Page
Arm Guards	25
Aprons	26
Kick Back Aprons	26
Spats	27
Leggings	28
Head Protection (Shrouds / Snoods).....	29
Head Protection (Sock Hood / Painter's Cap).....	30
Electrical Arc Accessories (Faceshields / Visors / Adapters)....	31
Electrical Arc Accessories (Hood / Suspenders / Bag).....	32
ArcGear Westex by Milikin UltraSoft® PPE 2 (12 cal/cm ² Complete Systems)	33
ArcGear Double Layer Westex by Milikin UltraSoft® PPE 3 (25 cal/cm ² Complete Systems).....	34
ArcGear Protective Hood 25, 40 & 75 cal/cm²	35
ArcGear Protective Lift Front Hood 25, 40 & 75 cal/cm²	36
ArcGear Multi-Layer NOMEX®IIIA and Kevlar PPE 4 (40 cal/cm ² Complete Systems)	37
ArcGear Double Layer Westex by Milikin UltraSoft® PPE 4 (40 cal/cm ² Complete Systems).....	37
ArcGear NOR*FAB NF ARC & OMNi Quilt Construction PPE 4 (40 cal/cm ² Complete Systems).....	38
ArcGear Multi-Layer Kevlar and NOMEX®IIIA PPE 4 (75 cal/cm ² Complete Systems).....	39
ArcGear Kits (Complete Systems).....	40
ChemGear 9 cal/cm² (DMT Jacket / Coat / Bib Overall).....	41
ChemGear 9 cal/cm² (DMT Coverall / Hood with Air / Gloves / Parka Hood).....	42
ChemGear 9 cal/cm² (RTL Jacket / Long Coat / Overalls / Coveralls/ Parka Hood)....	43



ORDERS

Orders can be placed 24 hours per day / 7 days per week by U.S. Mail, Fax, E-Mail and on-line at steelgripinc.com. Orders will be entered Monday through Friday from 7:30 a.m. to 4:00 p.m. Central Standard Time. Sales and Customer Service personnel promptly record and process orders, and makes referrals.

Additionally, we welcome opportunities to evaluate inquiries, interpret product utilization methods and make comparisons. We will work with you to propose recommendations that provide you with choices from which to select the best product for particular applications.

TO EXPEDITE ORDERS

Provide: Your Name _____

1. State your order number
2. State the item number you want expedited
3. Sales personnel will promptly process the request and explain your order's shipping status

SHIPPING

Domestic standard shipping procedure is generally by United Parcel Service "Ground". Special shipping arrangements such as common carrier, consignee shipping, UPS Next Day Air, 2nd Day Air or 3rd Day Select can be accommodated at the customer's request. Special shipping rates apply to Alaska and Hawaii (UPS 3 Day Select NOT AVAILABLE). International shipping procedures require coordination between "the Buyer" and Steel Grip, Inc.

Steel Grip works to meet each planned delivery schedule; however, we make no guarantee on delivery time and are not responsible for delays caused by the carrier. When we become aware of delays prior to shipment, Steel Grip will work with "the Buyer" for a solution.

All prices are F.O.B. Danville, IL. Freight charges are prepaid and added to each invoice, unless other arrangements are made.

Shipping time and delivery dates are based on the "type and quantity" of product(s) ordered. All invoices are dated as date of shipment; delivery is construed to be acceptance of shipment by common carrier or the Buyer, and if delivery is made to the Buyer, then receipt of goods by the Buyer shall be delivery.

Ship time (the time it takes product to leave our factory) is defined as:

- Stock Products - within 3 - 5 business days

Stock product is defined as an "on-the-shelf item"; whereas, all non-stock product is considered as a "made-to-order item"

To ask for a specified ship time, coordination between "the Buyer" and Steel Grip, Inc. is required prior to placing an order.

Contact: Customer Service - call: 800-397-8390 for details in regards to your order.



2 Prices & Payment, Delivery, Return & Exchange Policies

PRICES and PAYMENT

Pricing is subject to change without notice. The invoice is billed on the basis of price prevailing at time of order entry.

Purchase Orders: We accept Government, School/University, and Corporate Purchase Orders. Credit approval is required prior to accepting the first purchase order. Contact: Customer Service - call: 800-223-1595 for details.

Checks or Money Orders: Both personal/business/cashier checks and money orders are accepted. All checks require a 10 day hold before the order will ship. No hold is required on Money Orders or Cashiers Checks upon bank verification.

Credit Cards: We accept: American Express, Corporate & Government, Discover, MasterCard and Visa credit cards.

COD: No COD orders will be accepted.

DELIVERY

All invoices are dated as of date of shipment; **delivery is construed to be acceptance of shipment by a common carrier or the Buyer, and if delivery is made to the Buyer, then receipt of goods by the Buyer shall be delivery.** Any installment of merchandise of part thereof shall be paid for in accordance with the terms hereof, regardless of claims by either party relative to any other delivered or undelivered merchandise.

All stock items are subject to prior sale and occasionally need re-freshed. We encourage you to inquire about delivery schedules for stock and non-stock items at the time of order.

RETURN and EXCHANGE

Stock product is defined as an "on-the-shelf item"; whereas, all non-stock product is considered a "made-to-order item". **Non-stock products are not returnable.** It is the Seller's discretion whether an item is returnable. Stock and non-stock products displayed in any Steel Grip publication or website does not mean the product can be readily resold. The Buyer must **secure "RETURN AUTHORIZATION"** from the Seller to return any merchandise. All returned items must be in a clean and resalable condition and subject to a 15% restocking charge. Only the purchase price of a product is refundable. Shipping charges are not refundable.

REPAIR

Determination to repair Steel Grip items is considered on a case by case basis. Factors such as defective materials, fabric contamination, product wear and abuse must be evaluated. Request assistance by contacting your salesman or customer service department and explain the circumstances which involve the repair. We will work for cooperation and provide this service while considering your employee's safety as well as ours.

WORKMANSHIP

Merchandise covered by invoice is not returnable to Seller except for reasons of defective workmanship. Then, the Buyer must **secure "Return Authorization"** from the Seller to return such merchandise. Items identified as defective in material and/or workmanship will receive full credit, including shipping charges.

SHORTAGES

Claims for shortages must be made **within 10 days after receipt of goods.** Failure to present claim within this period shall constitute a waiver of all claims thereto.

LIABILITY STATEMENT

These products are warranted only against defects in manufacture. Because applications vary, no use warranty is implied or intended. The Buyer should make a careful analysis of the use and purpose for which these products are purchased. It will be the Buyer's duty and responsibility to determine whether these products will adequately protect the wearer or user in the environment in which they are used. There are no warranties which extend beyond the description on the face hereof. Steel Grip, Inc., and the distributors of its products disclaim and exclude all other warranties, whether implied or otherwise, and expressly disclaim and exclude any warranties that might otherwise be implied, including the implied warranties of merchantability and fitness for any particular or intended use, purpose, or application. No oral representation inconsistent with the above shall be binding to Steel Grip, Inc.

DISCLAIMER OF WARRANTIES

We certify that these goods are produced in compliance with all applicable requirements of Sections 6, 7 and 12 of the Fair Labor Standards Act, as amended and of regulations and orders of the United States Department of Labor issued under Section 14 thereof.

HELP US PROTECT TRADEMARKS

- BEKINOX® is the registered trade name for stainless fiber by Bekaert Steel Wire Corporation.
- CORDURA® is Du Pont's registered trademark for its family of air textured, high tenacity nylon fibers.
- DACRON® is a Du Pont registered trademark. Only Du Pont makes DACRON®.
- DUAL MIRROR® is a registered trademark of Gentex Corporation.
- KEVLAR® is a Du Pont registered trademark for its aramid fiber.
- KORSPUN® is a Du Pont registered trademark. Only Du Pont makes KORSPUN®.
- LEXAN® is a registered trademark of General Electric Company.
- NOMEX®IIIA is a Du Pont registered trademark for its aramid fiber. Only Du Pont makes NOMEX®.
- Stedfast® is a registered trademark of Stedair.
- TENCATE OASIS™ is a registered trademark of TenCate Protective Fabrics.
- UltraSoft® are registered trademarks of Westex by Milliken
- VINEX®FR-9B® is a registered trademark of WESTEX™ by Milliken.

Material / Fabric Reference

All materials are carefully selected and field-tested to meet our stringent requirements. Contact your STEEL GRIP Representative or our office for specific material swatches and/or additional information on these materials.

Unless specified, materials/fabrics are listed by weight per square yard

LEATHER - Top quality cowhide split, and grain leathers are selected. Certain side split leathers are "Specially Tanned" to withstand higher heat levels. Grain leathers offer comfort, flexibility, and durability. **Below LEATHER OPTIONS are listed by weight per square foot**

MATERIAL/FABRIC	ABBREV.	WEIGHT	DESCRIPTION
WHITE GRAIN	WGC	2.5 oz.	Lightweight grain cowhide - gloves
PEARL GREY SPLIT	CL	3.5 oz.	Tanned side split cowhide - leggings/aprons
SPECIAL TAN SPLIT	SC	3.5 oz.	Special tanned, heat resistant - gloves
PALOMINO GRAIN	PC	3.5 oz.	Soft grain cowhide - gloves
ALUMINIZED LEATHER	AL	4.5 oz.	Durable radiant heat - apron/gloves
FLEXO	FL	7 oz.	Flare leather - spats/leggings

GLASS CLOTH (HEAT RESISTANT) - Selected glass fibers specially woven and treated, excellent resistance to high heat. Certain glass fabrics are coated to offer more resistance to abrasion or radiant heat.

GLASS CLOTH (VERMICULITE)	GLP	32 oz.	Coated glass fabric, high heat applications - mitts
GLASS CLOTH	GL	32 oz.	Texturized glass fabric - gloves/mitts/hand pads

KEVLAR® - Du Pont KEVLAR® 29 yarn woven into various fabric types. KEVLAR® offers excellent durability, is flame resistant and affords excellent cut resistance.

KEVLAR® TUBING	KT		Elasticized KEVLAR® - arm guards/sleeves
KEVLAR®	KV8	8 oz.	Lightweight aramid - sleeves/aprons/coats
KORSPUN® CARBON	KS16	16 oz.	CARBON/KEVLAR® blend - high heat clothing
TERRY-CLOTH KEVLAR®	KV5	20 oz.	Flexible knitted - high heat gloves
THERMONOL	TH	22 oz.	KEVLAR® blend - gloves/mitts/leggings

PBI (POLYBENZIMIDAZOLE) - High heat resistant synthetic fibers, high tensile strength, and chemical resistant.

PBI/KEVLAR® BLEND	PB22	22 oz.	High heat gloves/mitts
PBI/KEVLAR® BLEND	PB30	30 oz.	High heat gloves/mitts

ALUMINIZED FABRICS (PRIMARY PROTECTION) - GENTEX corporation's exclusive five-ply Dual Mirror® construction for aluminized surfaces reflects up to 95% radiant heat. Aluminized fabrics provide abrasion resistance, reflectivity, wear resistance, and some afford molten metal splash resistance.

ALUMINIZED PBI/KEVLAR® KNIT	APB	7 oz.	Coats/gloves/hoods
ALUMINIZED CARBON/KEVLAR®	AC11	14 oz.	Coats/gloves/hoods
ALUMINIZED PFR RAYON	ARL	15 oz.	Coats/gloves/hoods
ALUMINIZED GLASS	AGL	16 oz.	Coats/gloves/hoods
ALUMINIZED THERMONOL	ATH	19 oz.	Coats/gloves/hoods
ALUMINIZED CARBON/KEVLAR®	ACK	19 oz.	Coats/gloves/hoods
ALUMINIZED CARBON/KEVLAR®	ATC	19 oz.	Coats
ALUMINIZED CARBON X	ACX7	7 oz.	Coats

COTTONS (DURABLE TREATED FLAME RESISTANTS) - 100% cotton pre-shrunk and chemically treated. The Durable Flame Resistant treatment by Westex by Milliken renders fabric flame resistant.

	Green	Navy Blue	Gray	Royal Blue	Orange	Yellow	Colors Available
SATEEN	GS	BS	----	----	OS	----	12 oz. 100% cotton- aprons/jackets/pants/sleeves
WHIPCORD	WC	----	----	----	----	----	12 oz. 100% cotton- aprons/jackets/pants/sleeves

VINEX® FR-9B® (ACID AND FLAME RESISTANT) - by Westex by Milliken is an 85% blend of a vinyl (polyvinyl alcohol) / 15% polyinosic fiber to make it flame resistant. For exposure to minor spark or splash and non-ferrous metal applications. Used in secondary protective clothing.

VINEX® FR-9B®	Medium Blue	MBV6	6 oz.	Shirting for aluminum industries
VINEX® FR-9B®	Navy Blue	NBV8	8.5 oz.	Coveralls/pants/jackets for aluminum industries
VINEX® FR-9B®	Orange	OV8	8.5 oz.	Coveralls/pants/jackets for aluminum industries
VINEX® FR-9B®	Navy Blue	NV11	11 oz.	Pants/jackets for aluminum industries

All materials are carefully selected and field-tested to meet our stringent requirements. Contact your STEEL GRIP Representative or our office for specific material swatches and/or additional information on these materials.

Unless specified, materials/fabrics are listed by weight per square yard

TENCATE OASIS™ is a blend of 505 Lenzing/40% Wool/10% Nylon. The material is guaranteed flame resistant for the life of the garment. For exposure to minor sparks or splash and non-ferrous metal applications. Used in secondary protective clothing.

MATERIAL/FABRIC	ABBREV.	WEIGHT	DESCRIPTION
TENCATE OASIS™ Cool Blue	CBOL	7.5 oz.	Shirts
TENCATE OASIS™ Navy Blue	NBOM	10 oz.	Tanned side split cowhide - leggings/aprons
TENCATE OASIS™ Orange	OROM	10 oz.	Coverall /pants/jackets

Westex by Milliken Ultra Soft® - The Indura process is applied to a blend of 88% cotton/12% nylon for the Ultra Soft® finish. The Indura process is applied to a blend of 100% cotton for the whipcord finish. These materials are guaranteed flame resistant for the life of the garment. For exposure to minor sparks or splash and non-ferrous metal applications. Used in secondary protective clothing.

	Navy Blue	Khaki	Med Blue	Green	Orange	Colors Available
WESTEX™UltraSoft®	NBU7	KU7	MBU7	----	----	7 oz. Shirts
WESTEX™UltraSoft®	NBU9	KU9	----	GU9	OU9	9 oz. Coveralls/pants/jackets
WESTEX™UltraSoft®	NBU	----	----	----	----	12 oz. Chaps
100% FR Cotton	NBWP	----	----	WCP	OWCP	12 oz. Coveralls/pants/jackets/overalls

Stedfast-Stedair®

	Navy Blue	Red	Med Blue	Green	Orange	Colors Available
Stedfast-Stedair®	DMT	----	----	----	----	8 oz. Coveralls/shirts
Stedfast-Stedair®	----	RTL	----	----	----	8 oz. Coveralls/pants

NOMEX®IIIA - Du Pont aramid is inherently flame resistant, chemical and abrasion resistant. NOMEX®IIIA garments afford lightweight comfortable protection. For exposure to minor spark applications or petro-chemical exposures. Used in secondary protective clothing.

NOMEX®IIIA	Navy Blue	NBNX	6 oz.	Coveralls/pants/jackets
QUILTED NOMEX®IIIALINER		Q9	9 oz.	Lining - high heat clothing

WOOLS - A natural insulator, naturally flame resistant and a breathable fabric. Listed as weight per square yard.

ZIRPRO®	Orange	ZW	17 oz.	100% virgin wool. Protects against molten
MELTON WOOL	Navy Blue	W32	17 oz.	Excellent thermal protection Du Pont ® X-12 flame resistant treatment - coats/pants/vests
WOOL	Grey	OD	17 oz.	Thermal protection for coats and linings

LININGS - INSULATION FABRICS *Below LINING OPTIONS are listed by weight per SQUARE YARD*

NOMEX ® FELT	PNX	8 oz.	Needle punch Aramid FR for garment lining
WOOL/COTTON KNIT	F	11 oz.	Good insulation, dissipates heat - gloves/mitts/linings
WOOL/COTTON KNIT	W	14 oz.	Heavyweight insulation - gloves/mitts/lining

100% COTTON DUCK is non-durable flame resistant - CANNOT be laundered.

DUCK - CANVAS	DF10	10 oz.	Aprons/chaps/leggings
DUCK - HEAVYWEIGHT	DF14	14 oz.	Aprons/chaps/leggings

NYLONS - Lightweight - cut resistant fabric (NOT for high heat)

NYLON - SEAM BINDING	White	NS	9.5 oz.	Aprons/gowns
NYLON - CANE (Level 2 Cut Rating)		CN = White Mesh BCN = Black Mesh		Arm guards/sleeves
NYLON - BALLISTIC		B14	14 oz.	Special woven, soft, flexible, but cut resistant, used in linings for aprons/chainsaw chaps
NYLON - PACK CLOTH (Urethane coated)		OPC = Orange GPC = Green		420 Denier, used in chainsaw chaps 1000 Denier, used in snake bite leggings
VINYL - DURA-PRO		DP		Yellow vinyl coated nylon, flame, chemical and moisture resistant - for respirator & utility bags

Finger & Thumb Guards

All products listed are in **STOCK**, for no-stock products, **contact your Steel Grip representative.**

Over End Style - Standard packaging is 100 per box.

Finger	Thumb	Leather
15923 M	16060 TM	Split
15922 M	16063 TM	Grain
15985 M		Grain

How to order **16060 T**, sizes must be stated **S, M, or L** (ie: L = Large)

Thumb Guard **16060 T** **M**
 Style # **Size**



Open End Style - Standard packaging is 100 per box.

Finger	Thumb	Leather
14314 S	15404 TM	Split
14314 M		Split
14314 L		Split
14169 M		Grain



Open End Super Guard Style - Standard packaging is 100 per box.

Super guard added.
 "Wrap-Around-Side" protecton.

Finger	Leather
15249 M	Split
15248 M	Grain



Over End Super Guard Style - Standard packaging is 100 per box.

Super guard added.
 "Wrap-Around-Side" protecton.

Finger	Leather
15958 M	Split



Closed End Style - Standard packaging is 100 per box.

Finger	Leather
15449 M	Split
15449 L	Grain



All products listed are in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

WGC 2037

Function	Material	Features	Stock Indicator
Palm Shock Pad	Grain Leather	Adjustable FR Hook & Loop Closure	S, M, L, XL

**CL 1869**

Function	Material	Features	Stock Indicator
Palm Shock Pad	Elastomer Pad Split Leather	Elastomer pad between two layers of Split Leather	ONE SIZE
		Reversible	

**CL 1988**

Function	Material	Features	Stock Indicator
Palm & Heel Shock Pad	Elastomer Pad Split Leather	Elastomer pad between two layers of Split Leather	ONE SIZE
		Reversible	

**CT 10-01**

Function	Material	Features	Stock Indicator
Hand Guard	Elastomer Pad Cotton/Lyca	Removable Palm & Heel Pad REMOVE Pad prior to washing Washable Stretch Cotton/Lyca Wear alone or inside a glove	S, M, L, XL

**CT 30-01**

Function	Material	Features	Stock Indicator
Hand Guard	Grain Leather Cotton/Lyca	White grain leather palm for durability Palm & Heel Pad Wear alone or inside a glove	S, M, L, XL



Hand Protection

All products listed are in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

13455

Function	Material	Features	Stock Indicator
Hand Guard	Split Leather	Adjustable snap closure at back of wrist	Large
		Quilted patch on palm	
		Protection for the palm & back of hand. Generally, open finger & thumb..	



25

Function	Material	Features	Stock Indicator
Hand Pad	Split Leather	7" wide x 9" length	ONE SIZE FITS ALL
		Slips on the wrist	
		Protection for the palm & fingers. Generally, back of the pad is open..	



792 ACK 792 = Aluminized CARBON/KEVLAR®

Function	Material	Features	Stock Indicator
Glove Protector	Split Leather	Aluminized Outer shell, felt lined, leather straps	ONE SIZE FITS ALL
		Back-of-the-hand protector	
		Fits over most welder's gloves	



SC 4710-4

Function	Material	Features	Stock Indicator
High Temp Glove	Heat Resistant Leather	Hand completely wool lined to promote extended wear	4 inch cuff
		Thumb Strap and Puller	
		4" Cuff FR cotton lined	
		KEVLAR® thread sewn	



13902-14 F or 13902-18 F Aluminized surfaces reflects up to 95% radiant heat. This safeguard allows workers to function in high heat environments.

Function	Material	Features	Stock Indicator
Alum. Back Glove	Alum. Rayon Heat Res. Leather	15 oz. Aluminized Rayon back with heat resistant leather palm Wing thumb, gunn cut style 11 oz. knitted wool lining KEVLAR® thread sewn 14" or 18" length	ARL SC 13902-14 F ARL SC 13902-18 F
Alum. Back Glove	Alum. Carbon KEVLAR® Heat Res. Leather	14 oz. Aluminized Carbon/Kevlar® back with heat resistant leather palm 3.5 oz. special tanned split leather	AC11 SC 13902-14 F AC11 SC 13902-18 F



644-4 Horizontally steel reinforced 633-4 Diagonally steel reinforced

Function	Material	Features	Stock Indicator
Steel Reinforced Glove	Split Leather Steel Staples	Palms and fingers steel reinforced over leather welting	4 inch cuff
		4" Gauntlet Cuff	
		Gloves are steel wire sewn with added leather patch on thumb, for longer use.	



All products listed in red are **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

210 Style

Function	Material	Features	Product
High Heat Glove	Thermonol Wool Lining	22 oz. Thermonol 11 oz. wool lining Wing thumb style	TH 210-23 F TH 210-18 F TH 210-14 F TH 210-11 F
High Heat Glove	Alum. Thermonol Wool Lining	Aluminized Thermonol 11 oz. wool lining Wing thumb style	ATH 210-14 F ATH 210-18 F
High Heat Glove	Alum. Thermonol Thermonol Wool Lining	22 oz. Thermonol Palm Aluminized Thermonol back 11 oz. wool lining Aluminized Rayon or Thermonol Wing thumb style	ARL TH 210-14 F ATH TH 210-14 F
High Heat Glove	Glass Cloth Wool Lining	32 oz. Glass Cloth 11 oz. wool lining Set in thumb style	GL 210-23 F GL 210-18 F GL 210-14 F GL 210-11 F



TH 210-23 F thru TH 210-11 F



ARL TH 210-14 F

ATH 210-14 F

GL 210-14 F



ZW KVJ 13902-18 KW

Function	Material	Features	Product
High Heat Glove	PBI/Kevlar® Blend Wool Lining Leather	PBI/Kevlar® Blend 11 oz. wool lining Leather wear patch Set in thumb style	ZW KVJ 13902-18 KW



W32 KVJ 13902-18 KW

Function	Material	Features	Product
High Heat Glove	Melton Wool Kevlar® Leather Wool Lining	32 oz Navy Blue Melton Wool 18" length Gunn cut, wing thumb style Kevlar palm and fingers Leather half thumb patch Hook and loop cuff adjustment	W32 KVJ 13902-18 KW



KV5X 8967-4 HFX

Function	Material	Features	Product
High Heat Glove	Terry-Cloth Kevlar® Wool Patch Wool Lining	20 oz. Terry-Cloth Kevlar® 11 oz. wool inside palm patch 11 oz. wool lining 13" length	KV5X 8967-4 HFX



High Heat Gloves/Mitts

All products listed in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

TH PB30 221-14 CWX02

Function	Material	Features	Product
High Heat Glove	PBI Blend Thermonol Wool Lining Nomex® ARAMID®	30 oz. PBI Blend Thermonol Cuff 11 oz. wool lining Additional Nomex® ARAMID® palm patch 14" length	TH PB30 221-14 CWX02



GL PB22 211-14 AW06

Function	Material	Features	Product
High Heat Glove	PBI Blend Glass Cloth Wool Lining Thermonol Nomex® ARAMID®	22 oz. PBI Blend Glass Cloth Cuff 11 oz. wool lining Thermonol palm patch Additional Nomex® ARAMID® palm patch 14" length	GL PB22 211-14 AW06



High Heat Mitts

Function	Material	Features	Product
High Heat Mitt	Thermonol Wool Lining	22 oz. Thermonol 11 oz. wool lining 14" length Reversible	TH 250R-14 F
High Heat Mitt	Thermonol Wool Lining	22 oz. Thermonol 11 oz. wool lining 14" length	TH 250-14 F
High Heat Mitt	Thermonol Wool Lining Wool	22 oz. Thermonol 11 oz. wool lining Wool palm patch 14" length Reversible	TH 252R-14
High Heat Mitt	Glass cloth Wool Lining Fiberglass	32 oz. Glass Cloth 11 oz. wool lining Fiberglass between main body and patch 14" length Reversible	GL 260R-14



TH 250R-14 F



TH 252R-14



GL 260R-14

All products listed in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

TH 7614R-8 CA

Function	Material	Features	Product
High Heat Cover	Thermonol	Open end, full thumb, fits over most gloves 8" length Reversible	TH 7614R-8 CA

**GL 279R-10 TH 279R-10**

Function	Material	Features	Product
High Heat Cover	Glass Cloth	Closed end, for multi-layer mitts 10" length Reversible	GL 279R-10
High Heat Cover	Thermonol	Closed end, for multi-layer mitts 10" length Reversible	TH 279R-10

**TH 13169R-9**

Function	Material	Features	Product
High Heat Cover	Thermonol	Closed end, for multi-layer mitts 9" length Reversible	TH 13169R-9

**GLP 9001-10 S02**

Function	Material	Features	Product
High Heat Cover	Glass Inconel Wire Mesh	28 oz. Glass Inner glass palm patch 2-ply inconel wire mesh over outer layer 10" length	GLP 9001-10 S02

**PB45 9555-14 AL6**

Function	Material	Features	Product
High Heat Mitt	PBI Blend Thermonol Metric Felt	45 oz. PBI blend Thermonol Cuff Metric felt lining 2 aramid felt patches for added insulation 14" length Reversible for extreme handling	PB45 9555-14 AL6



High Heat Covers / Temperature Guide

All products listed in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

PB22 9738-14 B01W

Function	Material	Features	Product
High Heat Mitt	PBI Blend Glass Cloth Wool	22 oz. PBI blend Inner Glass Cloth quilted palm patch 14 oz. knit wool felt lining 3-ply insulating palm patch 14" length Butterfly thumb	PB22 9738-14 B01W



BASED ON INTERMITTENT PRODUCT HANDLING					
**Temperature Ranges	Material	Low	Moderate	Good	High
2000°F	Iconel Wire				X
	PB45				X
1500°F	PB30				X
	PB22			X	
	GLP			X	
1000°F	GL			X	
	TH			X	
500°F	KV5		X		
	Leather	X			

**Temperature ranges identify approximate fabric tolerance levels. Contact Steel Grip for specific application assistance.



All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative.**
 Primary protection for workers exposed to radiant heat, molten metal and sparks. Oversized patterns insure proper fit over work clothing.

451 Style Hood

Function	Material	Features	Product
Aluminized Hood	Rayon	15 oz. Rayon Swing open 7" x 11" LEXAN® facepiece Speedy Loop and hard cap	ARL 451
Aluminized Hood	Thermonol	19 oz. Thermonol Swing open 7" x 11" LEXAN® facepiece Speedy Loop and hard cap	ATH 451
Aluminized Hood	PBI/KEVLAR®	7 oz. PBI/KEVLAR® Swing open 7" x 11" LEXAN® facepiece Speedy Loop and hard cap	APB 451
Aluminized Hood	CARBON/KEVLAR®	14 oz. CARBON/KEVLAR® Swing open 7" x 11" LEXAN® facepiece Speedy Loop and hard cap	AC11 451
Optional Hood Configurations			
OPTION A	Rayon Thermonol	Standard hood, ratchet suspension, WITHOUT hard cap	ARL 451 A ATH 451 A
OPTION B	Rayon Thermonol	Standard hood, speedy loop, WITHOUT hard cap	ARL 451 B ATH 451 B



AC11 8723 G01-A

Function	Material	Features	Product
Aluminized Hood	CARBON/KEVLAR®	14 oz. Aluminized CARBON/KEVLAR® Clear LEXAN® lens Hard cap included Fan pack cooling system included	AC11 8723 G01-A



Aluminized / Primary Apparel

All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative.**
 Primary protection for workers exposed to radiant heat, molten metal and sparks. Oversized patterns insure proper fit over work clothing.

1136 Style Jacket and 1136 Style Coat

Function	Material	Features	Product
Aluminized Jacket Aluminized Coat	CARBON/KEVLAR®	19 oz. CARBON/KEVLAR® Lay down collar FR Cotton lined Semi-raglan sleeve for comfort Covered snap closures Snap at wrist Seams are sew-serged and safety stitched for added wear "Split Tail" on coats 45" or longer Sizes: Small thru 6XLarge STOCK: Large thru 3XLarge	ATC 1136-30 ATC 1136-40 ATC 1136-50
Aluminized Jacket Aluminized Coat Aluminized Coat	CARBON/KEVLAR®	19 oz. CARBON/KEVLAR®	ACK 1136-30 ACK 1136-40 ACK 1136-50
Aluminized Jacket Aluminized Coat	CARBON/KEVLAR®	14 oz. CARBON/KEVLAR®	AC11 1136-30 AC11 1136-35 AC11 1136-40 AC11 1136-50
Aluminized Jacket Aluminized Coat	Thermonol	19 oz. Thermonol	ATH 1136-30 ATH 1136-35 ATH 1136-40 ATH 1136-50
Aluminized Jacket Aluminized Coat	Rayon	15 oz. Rayon	ARL 1136-30 ARL 1136-35 ARL 1136-40 ARL 1136-50
Aluminized Jacket Aluminized Coat	PBI/KEVLAR®	7 oz. PBI/KEVLAR®	APB 1136-30 APB 1136-35 APB 1136-40 APB 1136-50



How to order **1136 Style**, sizes must be stated **S, M, L, XL, 2XL, 3XL, 4XL, 5XL, 6XL** (ie: L = Large)

AC11 **1136** **50** **L**
Material **Style #** **Length** **Size**



See Size Charts
 Jackets and Coats,
 located in back of catalog, **SIZE CHART IV**

All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative.**
 Primary protection for workers exposed to radiant heat, molten metal and sparks. Oversized patterns insure proper fit over work clothing.

410 Style Overpants Order 4-way suspenders separately

Function	Material	Features	Product
Alum. Overpants	Aluminized CARBON/KEVLAR®	19 oz. Alum. CARBON/KEVLAR® Reinforced waistband, suspender buttons and leather belt loops Covered snap fly front closure	ATC 410-XL ATC 410-2XL
Alum. Overpants	Aluminized CARBON/KEVLAR®	14 oz. Alum. CARBON/KEVLAR®	AC11 410-M AC11 410-L thru AC11 410-2XLarge
Alum. Overpants	Alum. Thermonol	19 oz. Alum. Thermonol	ATH 410-M ATH 410-L thru ATH 410-2XLarge
Alum. Overpants	Alum. Rayon	15 oz. Aluminized Rayon	ARL 410-M ARL 410-L thru ARL 410-2XLarge
Alum. Overpants	Alum. PBI/KEVLAR®	7 oz. Alum. PBI/KEVLAR®	APB410-M APB410-L thru APB 410-2XLarge



See Size Charts for Overpants and Bib Overalls, located in back of catalog, **SIZE CHART II**

See Size Charts for Overpants and Bib Overalls, located in back of catalog, **SIZE CHART III**

40" Length Chap

Function	Material	Features	Product
Alum. Chap	Aluminized CARBON/KEVLAR®	19 oz. Alum. CARBON/KEVLAR® 1" black poly webbing belt Tri-Glide slide and Fastex buckle for easy on/off	ATC 12109 P-XL ATC 12109 P-2XL
Alum. Chap	Aluminized Thermonol	19 oz. Aluminized Thermonol	ATH 12109 P-L ATH 12109 P-XL
Alum. Chap	Aluminized Rayon	15 oz. Aluminized Rayon	ARL 12109 P-L ARL 12109 P-XL
Alum. Chap	Aluminized CARBON/KEVLAR®	14 oz. Alum. CARBON/KEVLAR®	AC11 12109 P-L AC11 12109 P-XL



Cover Boots - Fits up to Shoe Size 13

Function	Material	Features	Product
Alum. Cover Boots	Alum. Thermonol	19 oz. Alum. Thermonol Cover Boot - Rear Entry Hook & loop closure & adjustment Grip tread sole Can be worn with Met Guards	ATH 2350
Alum. Cover Boots	Alum. Rayon	15 oz. Aluminized Rayon	ARL 2350
Alum. Cover Boots	Alum. Thermonol	19 oz. Alum. Thermonol Cover Boot - Zipper closure Grip tread sole	ATH 454 B
Alum. Cover Boots	Alum. Rayon	15 oz. Aluminized Rayon	ARL 454 B



Secondary Protective Apparel

Durable Flame Resistant treated cotton clothing is secondary protection to safeguard workers exposed to open flame, sparks, and other similar heat sources. All products listed in **STOCK**, sizes not listed in red are non-stock items.

FR Treated Cotton Jacket

Function	Material	Features	Product
FR Treated Jacket	Sateen	9 oz. Green Sateen 30" length Snap closures Inside left breast pocket Sizes: Small thru 6XLarge STOCK: Small thru 5XLarge	GS 16750-S GS 16750-M GS 16750-L thru GS 16750-5XL GS 16750-6XL
FR Treated Jacket	100% FR Cotton with Durable Finish	12 oz. Green FR Cotton	WC 16750-S WC 16750-M WC 16750-L thru WC 16750-5XL WC16750-6XL



See Size Charts for Jackets, located in back of catalog, **SIZE CHART IV**

FR Treated Cotton Shirt

Function	Material	Features	Product
FR Treated Shirt	Sateen	9 oz. Green Sateen Tapered cut Snap closures Cuffed sleeves Sizes: Small thru 6XLarge STOCK: Small thru 5XLarge	GS 9570 A-S GS 9570 A-M GS 9570 A-L thru GS 9570 A-5XL GS 9570 A-6XL

See Size Charts for Shirts, located in back of catalog, **SIZE CHART VII**



FR Treated Cotton Coverall

Function	Material	Features	Product
FR Treated Coverall	Sateen	9 oz. Green Sateen Snap closures 2 hip pockets, 2 reach-in pockets with side slits Inside left breast pocket Sizes: Small thru 6XLarge	GS 16700-S thru GS 16700-6XL
FR Treated Coverall	Sateen	9 oz. Blue Sateen	BS 16700-S thru BS 16700-6XL
FR Treated Coverall	100% FR Cotton with Durable Finish	12 oz. Green FR Cotton thru WCP 16700-6XL	WCP 16700-S

See Size Charts for Coveralls, located in back of catalog, **SIZE CHART I**



Durable Flame Resistant treated cotton clothing is secondary protection to safeguard workers exposed to open flame, sparks, and other similar heat sources. All products listed in **STOCK**, sizes not listed in red are non-stock items.

FR Treated Cotton Pants

Function	Material	Features	Product
FR Treated Pant	100% FR Cotton with Durable Finish	12 oz. Green 100% FR Cotton Fastex buckle with tri-glide adjustment on shoulders Bib pocket Front and rear pockets Button fly and side closures Must State Inseam: Stock waist sizes: 32-44 (even sizes only) Standard Inseam = 32" 12 cal/cm² ARC RATING PPE 2	WCP 9460
FR Treated Pant	100% FR Cotton with Durable Finish	9 oz. Green 100% FR Cotton	GS 16760
FR Treated Pant	100% FR Cotton with Durable Finish	12 oz. Navy Blue 100% FR Cotton	NBWP 9460 T05



See Size Charts for Pants, located in back of catalog, **SIZE CHART VI**

FR Treated Cotton Overall

Function	Material	Features	Product
FR Treated Overall	100% FR Cotton with Durable Finish	12 oz. Green 100% FR Cotton Fastex buckle with tri-glide adjustment on shoulders Bib pocket Front and rear pockets Button fly and side closures Must State Inseam: 28", 30", 32" , 34" or 36" Standard Inseam = 32" Size: Small thru 6XLarge STOCK: MEDIUM thru 3XLarge 12 cal/cm² ARC RATING PPE 2	WCP 9095 B-S WCP 9095 B-M x 32 thru WCP 9095 B-3XL x 32 WCP 9095 B-4XL WCP 9095 B-5XL WCP 9095 B-6XL



See Size Charts for Overalls, located in back of catalog, **SIZE CHART II**

VINEX®FR-9B® garments displayed here are NFPA 70E Personal Protective Equipment 1 or 2 compliant. **WARNING:** VINEX®FR-9B® fabric specifications alone do not guarantee adherence to NFPA 70E standards. Fabric specifications, in conjunction with garment design, determine PPE compliance. Contact Steel Grip for clarification and guidance about specific garment applications.

Extended Use - fabrics are deemed flame resistant through the useful life of the garment. Flame resistant clothing is secondary protection to safeguard workers exposed to minor sparks or splash in non-ferrous metal applications.



Extended Use Secondary Workwear Shirt

Function	Material	Features	Product
Extended Use Shirt	Vinex FR-9B®	6 oz. Medium Blue Vinex 5 cal/cm² ARC RATING HRC 1 Lay down collar Tapered cut Button front closure 2 breast pockets with flaps Cuffed sleeves (no vent) with 2 button adjustment Sizes: Small thru 6XLarge STOCK: Small thru 4XLarge	MBV6 9575-S thru MBV6 9575-4XL MBV6 9575-5XL MBV6 9575-6XL
Extended Use Shirt	Vinex FR-9B®	8.5 oz. Navy Blue Vinex 8 cal/cm² ARC RATING HRC 2	NBV8 9575-S thru NBV8 9575-4XL NBV8 9575-5XL NBV8 9575-6XL
Extended Use Shirt	Vinex FR-9B®	8.5 oz. Navy Blue Vinex 8 cal/cm² ARC RATING HRC 2 with reflective trim as pictured.	NBV8 9575 T29-M thru NBV8 9575 T29-3XL

See Size Charts for Shirts, located in back of catalog, **SIZE CHART VII**

Extended Use Secondary Workwear Pant

Function	Material	Features	Product
Extended Use Pant	Vinex®FR-9B®	11 oz. Navy Blue Vinex 10 cal/cm² ARC RATING HRC 2 7 belt loops 2 front reach pockets 2 hip pockets with flaps Zipper fly closure Covered bachelor button at waist	NV11 9586 B Order by even waist sizes: 28" thru 62" STOCK: 32" thru 44" Must State Inseam: 28", 30", 32", 34" or 36" STOCK: Standard Inseam = 32"
Extended Use Pant	Vinex®FR-9B®	8 oz. Navy Blue Vinex 8 cal/cm² ARC RATING HRC 2 7 belt loops 2 front reach pockets 2 hip pockets with flaps Zipper fly closure Covered bachelor button at waist	NBV8 9586 B Order by even waist sizes: 28" thru 62" STOCK: 32" thru 44" Must State Inseam: 28", 30", 32", 34" or 36" STOCK: Standard Inseam = 32"

See Size Charts for Pants, located in back of catalog, **SIZE CHART VI**

VINEX®FR-9B® garments displayed here are NFPA 70E Personal Protective Equipment 1 or 2 compliant. **WARNING:** VINEX®FR-9B® fabric specifications alone do not guarantee adherence to NFPA 70E standards. Fabric specifications, in conjunction with garment design, determine PPE compliance. Contact Steel Grip for clarification and guidance about specific garment applications.



Secondary Workwear Jacket

Function	Material	Features	Product
Jacket	Vinex FR-9B®	11 oz. Navy Blue Vinex 10 cal/cm ² ARC RATING HRC 2 30" length Covered snap closures, front and wrist Lay down collar Inside left breast pocket Sizes: Small thru 6XLarge	NV11 9375-30 T85



See Size Charts for Jackets, located in back of catalog, **SIZE CHART IV**

Secondary Workwear Coverall

Function	Material	Features	Product
Coverall	Vinex FR-9B®	8.5 oz. Navy Blue Vinex 8 cal/cm ² ARC RATING HRC 2 Lapel style, standard back Covered snap front closures Lay down collar Elastic in waistband Self-closing pockets SIZES: Small thru 5XLarge	NBV8 9400 J-S NBV8 9400 J-M thru NBV8 9400 J-4XL NBV8 9400 J-5XL



See Size Charts for Coveralls, located in back of catalog, **SIZE CHART I**

CONTACT: Steel Grip for fabric specifications, detailed laundry instructions, and material safety data sheets.

100% FR Cotton with durable finish and Westex by Milliken UltraSoft® garments displayed here are NFPA 70E Personal Protective Equipment 1 or 2 compliant. **WARNING:** Westex by Milliken Indura® and Westex by Milliken UltraSoft® fabric specifications alone do not guarantee adherence to NFPA 70E standards. Fabric specifications, in conjunction with garment design, determine PPE compliance. Contact Steel Grip for clarification and guidance about specific garment applications.



Secondary Workwear Shirt

Function	Material	Features	Product
Shirt	Westex by Milliken UltraSoft®	7 oz. Khaki Ultra Soft 8 cal/cm ² ARC RATING HRC 2 Lay down collar Tapered cut Button front closure 2 breast pockets with flaps Cuffed sleeves (no vent) with 2 button adjustment	KU7 9575-S thru KU7 9575-6XL
Shirt	Westex by Milliken UltraSoft®	7 oz. Medium Blue Ultra Soft 8 cal/cm ² ARC RATING HRC 2	MBU7 9575-S thru MBU7 9575-6XL
Shirt	Westex by Milliken UltraSoft®	7 oz. Orange Ultra Soft 8 cal/cm ² ARC RATING HRC 2	OU7 9575-S OU7 9575-M thru OU7 9575-3XL OU7 9575-4XL thru OU7 9575-6XL



See Size Charts for Shirts, located in back of catalog, **SIZE CHART VII**

Extended Use Secondary Workwear Pant

Function	Material	Features	Product
Pant	Westex by Milliken UltraSoft®	9 oz. Navy Blue 12 cal/cm ² ARC RATING HRC 2 7 belt loops 2 front reach pockets 2 patch hip pockets Zipper fly closure Covered snap at waist	NBU9 9460 Order by even waist sizes: 28" thru 62" STOCK: 30" thru 46" Must State Inseam: 28", 30", 32", 34" or 36" STOCK: Standard Inseam = 32"
Pant	Westex by Milliken UltraSoft®	9 oz. Khaki 12 cal/cm ² ARC RATING HRC 2	KU9 9460 See NBU9 Above
Pant	Westex by Milliken UltraSoft®	9 oz. Visual Green 12 cal/cm ² ARC RATING HRC 2	GU9 9460 See NBU9 Above
Pant	100% FR Cotton with Durable Finish	12 oz. Visual Green FR Cotton 12. cal/cm ² ARC RATING HRC 2 7 belt loops 2 front reach pockets 2 patch hip pockets Zipper fly closure Covered snap at waist	WCP 9460 Order by even waist sizes: 28" thru 62" STOCK: 30" thru 52" Must State Inseam: 28", 30", 32", 34" or 36" STOCK: Standard Inseam = 32" thru 36"



See Size Charts for Pants, located in back of catalog, **SIZE CHART VI**

Westex
UltraSoft®

Secondary Workwear Jacket

Function	Material	Features	Product
Jacket	100% FR Cotton with Durable Finish	12 oz. Visual Green FR Cotton 12 cal/cm² ARC RATING HRC 2 Includes Hi-Viz reflective FR trim Radio loop on chest Lay down collar Covered snap closures on front and wrist Inside left breast pocket Sizes: Small thru 5XLarge	WCP 9375-30 T19 WCP 9375-35 T19 STOCK: Medium to 3XL
Jacket	100% FR Cotton with Durable Finish	11 oz. Navy Blue FR Cotton 12 cal/cm² ARC RATING HRC 2	NBWP 9375-30 T19



See Size Charts for Jackets, located in back of catalog, **SIZE CHART IV**

Secondary Workwear Jacket

Function	Material	Features	Product
Jacket	Westex by Milliken UltraSoft®	9 oz. Visual Green 12 cal/cm² ARC RATING HRC 2 Lay down collar Covered snap closures on front and wrist Inside left breast pocket Sizes: Small thru 5XLarge	GU9 9450-30 GU9 9450-35 STOCK: Medium to 3XL
Jacket	Westex by Milliken UltraSoft®	9 oz. Navy Blue 12 cal/cm² ARC RATING HRC 2	NBU9 9450-30 NBU9 9450-35
Jacket	100% FR Cotton with Durable Finish	12 oz. Visual Green FR Cotton 12 cal/cm² ARC RATING HRC 2	WCP 9450-30 WCP 9450-35 STOCK: Medium to 3XL
Jacket	100% FR Cotton with Durable Finish	12 oz. Visual Orange FR Cotton 12 cal/cm² ARC RATING HRC 2	OWCP 9450-30 OWCP 9450-35 STOCK: Medium to 3XL
Jacket	100% FR Cotton with Durable Finish	9 oz. Navy Blue FR Cotton 12 cal/cm² ARC RATING HRC 2	NBWP 9375-30 T56

NBWP 9375-30 T56



See Size Charts for Jackets, located in back of catalog, **SIZE CHART IV**



Secondary Workwear 9300 Coverall

Function	Material	Features	Product
Coverall	WESTEX™ by Milliken UltraSoft*	9 oz. Navy Blue 12 cal/cm ² ARC RATING HRC 2 Laydown collar, plain back Covered 2-way zipper closure Lay down collar NOMEX® wristlets Inside left breast pocket 2 hip pockets, reach-in pockets with side slits Zippered leg openings with expandable gore	NBU9 9300 B01 Sizes: Small thru 6XLarge STOCK: Medium thru 4XLarge
Coverall	WESTEX™ by Milliken UltraSoft*	7 oz. Navy Blue 8 cal/cm ² ARC RATING HRC 2	NBU7 9300 B01 Sizes: Small thru 6XLarge



See Size Charts for Coveralls, located in back of catalog, **SIZE CHART I**

Secondary Workwear 9100 Coverall

Function	Material	Features	Product
Coverall	WESTEX™ by Milliken UltraSoft*	7 oz. Navy Blue 8 cal/cm ² ARC RATING HRC 2 Lapel style, action back Zipper front closure Lay down collar Elastic in waistband Closed sleeve with covered snap at wrist 7 pocket construction Access slits with modesty flaps	NBU7 9100 C Sizes: Small thru 5XLarge
Coverall	WESTEX™ by Milliken UltraSoft*	9 oz. Navy Blue 12 cal/cm ² ARC RATING HRC 2	NBU9 9100 C
Coverall	100% FR Cotton with Durable Finish	12 oz. Visual Green Whipcord 12 cal/cm ² ARC RATING HRC 2	WCP 9100 C
Coverall	WESTEX™ by Milliken UltraSoft*	7 oz. Royal Blue 8 cal/cm ² ARC RATING HRC 2 Lapel style, action back Zipper front closure Lay down collar Elastic in waistband Closed sleeve with covered snap at wrist 7 pocket construction Access slits with modesty flaps Includes Hi-Viz reflective FR trim	RBU7 9100 T Sizes: Small thru 5XLarge



See Size Charts for Coveralls, located in back of catalog, **SIZE CHART I**

CONTACT: Steel Grip for fabric specifications, detailed laundry instructions, and material safety data sheets.

EXAMPLE OF REFLECTIVE TRIM AVAILABLE
CONTACT STEEL GRIP FOR DETAILS

Contact Steel Grip for clarification and guidance about specific garment applications.

Secondary Workwear Shirt

Function	Material	Features	Product
Shirt	Marlan Plus	9.1 oz. Medium Blue Marlan Plus 8 cal/cm ² ARC RATING HRC 2 Lay down collar Tapered cut Button front closure 2 breast pockets with flaps Closed sleeves (no vent) with 2 button adjustment	M300 9575 (buttons) Small thru 6XLarge
Shirt	Marlan Plus	9.1 oz. Medium Blue Marlan Plus 8 cal/cm ² ARC RATING HRC 2 Lay down collar Tapered cut Plastic snap front closure 2 breast pockets with flaps Closed sleeves with plastic coated snap closures at wrist	M300 9770 C (snaps) Small thru 6XLarge



See Size Charts for Shirts, located in back of catalog, **SIZE CHART VII**

Secondary Workwear Pant

Function	Material	Features	Product
Pant (Special Stitching)	Marlan Plus	10.3 oz. Navy Blue Marlan Plus 8 cal/cm ² ARC RATING HRC 2 7 belt loops 2 front reach pockets 2 patch hip pockets Zipper fly closure Covered bachelor button at waist	N350 9586 B Order by even waist sizes: 28" thru 62" Must State Inseam: 28", 30", 32", 34" or 36" Standard Inseam = 32"



See Size Charts for Pants, located in back of catalog, **SIZE CHART VI**

Secondary Workwear Jacket

Function	Material	Features	Product
Jacket	FR Melton Wool	32 oz. Melton wool Leather hanger loop Covered snap closures Inside left breast pocket Sizes: Small thru 6XLarge STOCK: Medium thru 3XLarge	W32 8855-30 E



See Size Charts for Jackets, located in back of catalog, **SIZE CHART IV**

See Page 16



See Page 17



**EXAMPLES OF
REFLECTIVE TRIM
AVAILABLE**
**CONTACT
STEEL GRIP
FOR DETAILS**



See Page 18



See Page 20

All products listed in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

2-ply KEVLAR® Knit - Lightweight and comfortable, styles range from wrist to forearm protection, are cut resistant and launderable.

Function	Material	Features	Product
Sleeve	KEVLAR® KNIT	18" length Thumb and finger tacks Top FR Hook & Loop closure	KT 870-18 AV
Sleeve	KEVLAR® KNIT	18", 14" or 10" length Bar tacked for thumb slots	KT 870-18 T KT 870-14 T KT 870-10 T
Sleeve	KEVLAR® KNIT	18", 14" or 10" length Basic style	KT 870-18 KT 870-14 KT 870-10

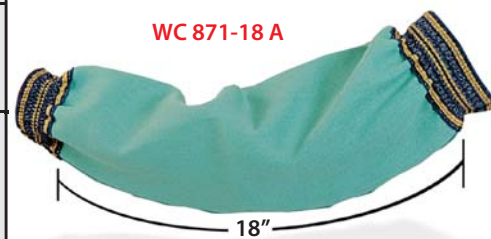


Reference
Cut Resistance Chart
at back of catalog
on page 41

871 Style Sleeves

Function	Material	Features	Product
Sleeve	FR Cotton	12 oz. Visual Green whipcord 18" length Elastic top and wrist	WC 871-18 A
Sleeve	FR Cotton	9 oz. Green Sateen 18" length Elastic top and wrist	GS 871-18 A Not Pictured
Sleeve	FR Cotton	9 oz. Green Sateen 18" length Elastic close at wrist, FR Hook & Loop closure at top	GS 871-18 JC
Sleeve	Aluminized Rayon	15 oz. Aluminized Rayon 18" length Elastic top and wrist	ARL 871-18 A Not Pictured

How to measure TO ORDER STATE LENGTH
For finished length, measure from wrist upward to height desired for protection.

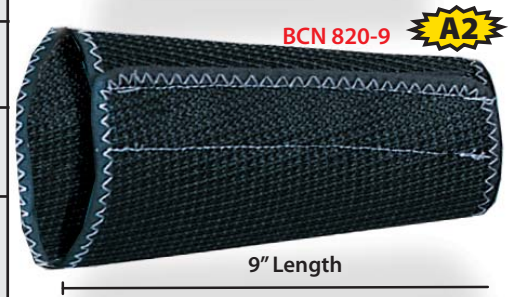


Arm Guards

All products listed in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

Arm Guards - Lightweight 2-ply materials, 7" or 9" lengths, with adjustable FR hook & Loop closure offers protection from cuts and lacerations caused by glass, sheet or scrap metal, and other sharp objects.

Function	Material	Features	Product
Arm Guard	White Cane Nylon	7" or 9" length STOCK-Small thru X-Large	CN 820-7 CN 820-9
Arm Guard	Black Cane Nylon	7" or 9" length STOCK-Small thru X-Large	BCN 820-7 BCN 820-9
Arm Guard	KEVLAR® Twill	8.5 oz. KEVLAR® Twill 7" or 9" length, Small thru X-Large	KV8 820-7 KV8 820-9
Arm Guard	Orange Pack Cloth	9" length Small thru X-Large	OPCX 820-9 N01
Arm Guard	Split Leather	7" or 9" length Additional steel reinforced leather patch attached Small thru X-Large	806-7 H 806-9 H STOCK Large Only



See Size Chart for 2-ply Arm Guards, **ARM GUARDS**



Reference
Cut Resistance Chart
at back of catalog
on page 41



All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative.**

125 Style Aprons - 24 inch wide x choice of length. All edges are serged to prevent raveling

Function	Material	Features	Product
Bib Apron	FR Cotton Sateen	9 oz. Green Sateen 24" width X 36" length Adjustable web neck and waist straps attach with slide snap	GS 125-36
Bib Apron	Aluminized Rayon	15 oz. Aluminized Rayon	ARL 125-39
Bib Apron	Alum. Thermonol	19 oz. Aluminized Thermonol	ATH 125-39
Bib Apron	FR Whipcord	12 oz. Green Cotton Whipcord	WCP 125-36
Bib Apron	Split Leather	Gray Split Leather 24" width X 36" length Adjustable web neck and waist Straps attach with a side snap	CL 125-36
Bib Apron	Ballistic Nylon	14 oz. Ballistic Nylon 24" width x 24" length Adjustable neck and waist straps Attaches with slide snap Cut Level 1 Abrasion Level 2 Puncture Level 2	B14 125-24



100 Style Apron - 29 inch wide x choice of length. All edges are serged to prevent raveling

Function	Material	Features	Product
Bib Apron	FR Whipcord	12 oz. Green Cotton Whipcord Fastens through eyelets with leather ties at neck and waist	WCP 100-36
Bib Apron	Orange Pack Cloth	Web strap with slide snaps	OPCX 100-42 B



Bib Apron Split Leg Options - ADD

SS Kit - Leather Straps with Slide Snaps

V Kit -FR Hooks & Loop Closure Strap Attachment

WCP 100-36

Kick Back Apron - All edges are serged to prevent raveling

Function	Material	Features	Product
Kick Back Apron	Split Leather	16" width x 28" length 2 layers of leather around one layer of felt packing. Kick Back Apron for lower torso coverage Adjustable web belt closure with clip snap and D-ring fastener	CL 118

CL 118

See Size Charts for Jackets, located in back of catalog, **SIZE CHART IV**

All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative.**

374 Style

Function	Material	Features	Product
Spats	Split Leather	7" high 2 rear overshoe buckle fasteners 6" flexo split leather flare is KEVLAR® thread sewn and steel stitched Adjustable instep strap is permanently attached	CL 374
Spats	Split Leather	7" high 2" elastic band at top with snap closure 2 rear snaps 6" flexo split leather flare is KEVLAR® thread sewn and steel stitched Adjustable instep strap is permanently attached	CL 374 H
Spats	Split Leather	9" flexo split leather form fitted flare	CL 374 V (not pictured)



Spats

Function	Material	Features	Product
Spats	Split Leather	7" high 6" leather flare Adjustable instep strap Rear FR Hook & Loop closure 2" Larger circumference than 374 Style	CL 7250 BC
Spats	Split Leather	6" high 8" leather flare FR Hook & Loop adjust at top	CL 1390



All products listed in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

Leggings - Primarily design to safeguard workers from radiant heat, molten metal and sparks.

Function	Material	Features	Product
Leggings	600 Denier Nylon	"Snake Bite" style 2-ply 600 Denier Nylon base surrounds a plastic insert 3 DACRON® adjustable web straps with fastex buckle closure 18" length	GPC 6490 AA
Leggings	Aluminized CARBON/KEVLAR®	Aluminized CARBON/KEVLAR® Springless style 16" length Rear FR Hook & Loop closure Pull tab for easy removal 5" Flare KEVLAR® thread sewn Large: 16" - 18" Calf XLarge: 18" - 20" Calf 2XLarge: 20" - 22" Calf	ACK 395-16 M
Leggings	Split Leather	Split Leather	CL 395-16
Leggings	Aluminized CARBON/KEVLAR®	Aluminized CARBON/KEVLAR® 14" length "Duo Wrap" Style with removable outer cover over tempered steel spring 5" Leather flare Instep clamp under flares ONE SIZE ONLY	ACK 385
Leggings	Aluminized Rayon Split Leather	Aluminized Rayon and split leather	ARL 385
Leggings	Aluminized Rayon Split Leather	Aluminized Rayon and split leather 14" length - 7" Flare	ARL 385 F (Not Pictured)
Leggings	Split Leather	Split Leather	CL 385
Leggings	Split Leather	Split Leather with rubber flare	RCL 385
Spring	Tempered Steel	Tempered steel spring Replaceble	385 Spring



GPC 6490 AA



ACK 395-16 M



ARL 385



ACK 385



CL 395-16

All products listed in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

Shrouds

Function	Material	Features	Product
Shroud	Sateen	9 oz. Green FR Sateen 12" length Corset elastic to secure hard cap Leather reinforced	GS 9109 B
Shroud	Aluminized Carbon/Kevlar®	14 oz. Aluminized Carbon/Kevlar® Adhesive FR Hook & Loop tabs adhere to all hard caps Snap closure at neck	AC11 8266 A
Shroud	Whipcord	12 oz. Green FR Whipcord Adhesive FR Hook & Loop tabs adhere to all hard caps Snap closure at neck	WC 8266 A
Shroud	Vinex FR-9B®	8.5 oz. Navy Blue Vinex Adhesive FR Hook & Loop tabs adhere to all hard caps Snap closure at neck	NBV8 8266 A



GS 9109 B



AC11 8266 A

Snoods

Function	Material	Features	Product
Snood	FR Sateen	9 oz. Green Sateen 8" long veil FR Hook & Loop front closures 4 openings to attach cap assembly	GS 5729 D
Snood	Sateen	9 oz. Green FR Sateen Tape tie adjustment	GS 8050 B



GS 8050 B



WC 8266 A

NBV8 8266 A



GS 5729 D

All products listed in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

2310 Style - Full face hood with cape

Function	Material	Features	Product
Sock Hood	NOMEX®	2-ply stretch NOMEX® hood with 1-ply cape Flame resistant & Launderable	NK 2310
Sock Hood	KEVLAR®	2-ply stretch KEVLAR® hood with 1-ply cape Flame resistant & Launderable	KK 2310
Sock Hood	PBI/Rayon	2-ply stretch PBI/Rayon hood with 1-ply cape Flame resistant & Launderable	PBK 2310
Sock Hood	Cotton FR	100% Cotton FR hood Flame resistant & Launderable ARC RATING 12 cal/cm ² HRC 2	CTK 2310 N
Sock Hood	CarbonX®	Knit CarbonX® with 2-ply cape Flame resistant & Launderable	CXK 2310 DNB



CTK 2310 N



PBK 2310



CXK 2310 DNB



Painter's Cap

Function	Material	Features	Product
Painter's Cap	NON-FR Cotton Sateen	9 oz. White NON FR cotton sateen 5' x 3" acetate window Contoured shape on veil	WNS 8672 B

All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative.**
 Call your Steel Grip representative for more information. Tel: 1-800-397-8390 or » **Log on to www.steelgripinc.com**
For further technical information » LOG ON to ARCWEAR.COM All ARC ratings based on independent test results.
NFPA 70 COMPLIANCE REQUIRES: Wearing The Complete System

Faceshields-Visors / Adapters

Function	Assembly	Item	Product
Faceshield and Hard Cap		Faceshield with chin cup Universal visor/adaptor Dielectric hard cap	5121 Universal
Faceshield and Hard Cap		Faceshield with chin cup Slotted visor/adaptor Dielectric hard cap	5120 Slotted
Options Below Hard Caps NOT included		Replaceable faceshield with protective chin cup Attaches to the hard cap visor/adaptor (Universal & Slotted) 12 cal/cm ² ARC RATING Meets ANSI Z87.1	
		Visor fits slotted hard caps Flip-up adjustable positioning One size fits all	5100 Slotted
		Visor fits non-slotted hard caps Flip-up adjustable positioning One size fits all	5101 Universal



ARCGEAR®



32 Electrical Arc Accessories - Hood / Suspenders / Equipment Bag

All products listed in **STOCK**, sizes not listed in red are non-stock items. *Questions, contact your Steel Grip representative.*

Call your Steel Grip representative for more information. Tel: 1-800-397-8390 or » **Log on to www.steelgripinc.com**

For further technical information » LOG ON to ARCWEAR.COM All ARC ratings based on independent test results.

NFPA 70 COMPLIANCE REQUIRES: Wearing The Complete System

Hoods with cape

Function	Material	Features	Product
Sock Hood	NOMEX®	1-ply stretch white NOMEX® hood Flame resistant and launderable ARC RATING 9 cal/cm ²	NK 2310 CA (Full Face)
Sock Hood	CarbonX®	2-ply stretch 7.4 oz. Knit CarbonX® with 1-ply cape Flame resistant and launderable ARC RATING 23 cal/cm ² head area ARC RATING 12 cal/cm ² head area	CXK 2310 (Full Face)
Sock Hood	Cotton FR	100% Cotton FR hood Flame resistant and launderable ARC RATING 12 cal/cm ²	CTK 2310 N (Full Face)



Equipment Tote Bag

Function	Material	Features	Product
Equipment Tote Bag	Denier 600 Nylon	600 denier lightweight khaki Nylon Inner glove pocket with FR Hook & Loop closure Water repellent Handling straps with snapped keeper Zipper closure	AG-BAG



4 Way Suspenders

Function	Material	Features	Product
4 Way Suspenders	Red Elastic	Red suspenders 1½ wide x 42" length Adjustable for personal fit	4 Way Suspenders



ARCGEAR®

STEEL GRIP INC.

1501 East Voorhees Street
Danville, IL 61832

Tel 1-800-397-8390
Fax 1-800-270-0517

ArcGear - 12 cal/cm² - Personal Protective Equipment 2

Westex by Milliken UltraSoft® Construction

Questions, contact your Steel Grip representative, Tel: 1-800-397-8390 or » Log on to www.steelgripinc.com For further technical information »
LOG ON to ARCWEAR.COM All ARC ratings based on independent test results.

Protective Garment System Options Include: **COAT** with **LEGGINGS** or **COVERALLS**. **NFPA 70 COMPLIANCE REQUIRES:** Wearing The Complete System. **WARNING:** Once a garment has been exposed to an arc flash, it must be removed from service.

Our higher level protective garments for electrical hazard exposure are multi-layered yet lightweight and flexible. The additional fabric layers afford greater mass and therefore higher protective values. As stated in the established standards, ***the user must determine his or her level of exposure.***
ArcGear CERTIFICATION: All materials, designs and findings meet the FULL requirements of NFPA 70E (2015 Revised Edition), 1910.269 CFR, ASTM F 1506 and ASTM F 2178.

AG12K-CL Kit 12 cal/cm²- COAT with LEGGINGS

Function	Material	Features	Product
Coat	Westex by Milliken UltraSoft®	Westex by Milliken UltraSoft® Construction Coat-SIZE: Small thru 5XL Covered zipper front closure with storm flap NOMEX® wristlet	AG12C-50
Legging	Westex by Milliken UltraSoft®	Westex by Milliken UltraSoft® Construction 19" length leggings FR Hook and Loop closure Pull tab for quick removal Legging-SIZE: Small thru 3XL	AG12L
Faceshield Hood Bag	100% FR Cotton	Faceshield Assembly-hard cap and visor 100% FR Cotton Hood Faceshield Assembly Bag	5120 CTK 2310 N CF 3236
Safety Gear Bag	Nylon	Safety Glasses and Ear Plugs Nylon Equipment Bag	HRC2-BAG



See Size Charts for Coats, located in back of catalog, **SIZE CHART IV**

AG12K-CV Kit 12 cal/cm²- COVERALLS

Function	Material	Features	Product
Coverall	Westex by Milliken UltraSoft®	Westex by Milliken UltraSoft® Construction SI: Small thru 4XL STOCK: MD thru 3XL	NBU9 9300 B01
Faceshield Hood Bag	100% FR Cotton	Faceshield Assembly-hard cap and visor 100% FR Cotton Hood Faceshield Assembly Bag	5120 CTK 2310 N CF 3236
Safety Gear Bag	Nylon	Safety Glasses and Ear Plugs Nylon Equipment Bag	HRC2-BAG



See Size Charts for Coveralls, located in back of catalog, **SIZE CHART I**



5120
Faceshield Assembly

CTK 2310 N
100% FR Cotton Hood

CF 3236
Faceshield Assembly Bag

Safety Glasses and Ear Plugs

HRC2-BAG

ArcGear - 25 cal/cm² - Personal Protective Equipment 3

Double-Layer Westex by Milliken UltraSoft® Construction (ACTUAL ATPV 27.2)

All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative, Tel: 1-800-397-8390** or » **Log on to www.steelgripinc.com** For further technical information » **LOG ON to ARCWEAR.COM** All ARC ratings based on independent test results. Protective Garment System Options Include: **HOOD** and **JACKET** with **OVER PANTS** or **BIB OVERALLS** / **HOOD** and **COAT** with **LEGGINGS**
NFPA 70 COMPLIANCE REQUIRES: Wearing The Complete System. **WARNING:** Once a garment has been exposed to an arc flash, it must be removed from service.

Our higher level protective garments for electrical hazard exposure are multi-layered yet lightweight and flexible. The additional fabric layers afford greater mass and therefore higher protective values. As stated in the established standards, **the user must determine his or her level of exposure.** **ArcGear CERTIFICATION:** All materials, designs and findings meet the FULL requirements of NFPA 70E (2015 Revised Edition), 1910.269 CFR, ASTM F 1506 and ASTM F 2178.

25 cal/cm²- HOOD and JACKET with OVER PANTS or BIB OVERALLS

Function	Material	Features	Product
Hood Assembly	Double-Layer Westex by Milliken UltraSoft®	Double-Layer Westex by Milliken UltraSoft® Construction Hood w/Hard Cap - Tinted Lens	AG25H
		Hood w/Cooling System Hard Cap - Tinted Lens	AG25H-A
		Hood w/Lamp Hard Cap - Tinted Lens	AG25H-L
		Hood w/Cooling System - Lamp Hard Cap - Tinted Lens	AG25H-AL
Lens	Replacement	Meets ANSI Z87.1	AG25LENS
Jacket		35" length Jacket-SIZE: Small thru 6XL STOCK: MD thru 2XL	AG25C-35
Overpant		Overpant (suspenders included) SIZE: Small thru 6XL - STOCK: MD thru 2XL	AG25P
Bib Overall		Bib Overall-SIZE: Small thru 4XL STOCK: MD thru 2XL	AG25B

25 cal/cm²- HOOD (options listed above) and Coat with Leggings

Coat	Double-Layer Westex by Milliken UltraSoft®	Double-Layer Westex by Milliken UltraSoft® Construction 50" length Coat-SIZE: Small thru 6XL STOCK: MD thru 2XL	AG25C-50
Legging		55" length Coat-SIZE: Small thru 6XL	AG25C-55
		Legging-SIZE: Small thru 3XL STOCK: LG	AG25L

See Size Charts for Jackets and Coats, located in back of catalog, **SIZE CHART IV**

See Size Charts for Overpants and Bib Overalls, located in back of catalog, **SIZE CHART II**

Typical Protective Clothing Systems

This table lists examples of protective clothing systems and typical characteristics, including the degree of protection, for various clothing. The protective clothing selected for the corresponding Personal Protective Equipment number shall have an arc rating of at least the value in the last column.

Hazard Risk Category	Clothing Description	Required Minimum Arc Rating of PPE [J/cm ² (cal/cm ²)]
1	Arc-rated FR shirt and FR pants or FR coverall	16.74 (4)
2	Arc-rated FR shirt and FR pants or FR coverall	33.47 (8)
3	Arc-rated FR shirt and FR pants or FR coverall, and arc flash suit selected so that the system arc rating meets the required minimum	104.6 (25)
4	Arc-rated FR shirt and FR pants or FR coverall, and arc flash suit selected so that the system arc rating meets the required minimum	176.36 (40)



ArcGear - Protective Hood - Options for 25, 40 & 75 cal/cm² Systems 35

All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative, Tel: 1-800-397-8390 or » Log on to www.steelgripinc.com For further technical information » LOG ON to ARCWEAR.COM** All ARC ratings based on independent test results.

WARNING: Once a garment has been exposed to an arc flash, it must be removed from service.

Our higher level protective garments for electrical hazard exposure are multi-layered yet lightweight and flexible.

The additional fabric layers afford greater mass and therefore higher protective values. As stated in the established standards, **the user must determine his or her level of exposure.** **ArcGear CERTIFICATION:** All materials, designs and findings meet the FULL requirements of NFPA 70E (2015 Revised Edition), 1910.269 CFR, ASTM F 1506 and ASTM F 2178.

Protective Hood - Options for 25, 40 & 75 cal/cm² Systems

Function	Features	Product
Hood Assembly	Replaceable tinted lens with anti-fog coating Lens meets ANSI Z87.1 Dielectric hard cap included	AG25H AG40H AGW40H AGN40H AG75H
	Hood with Cooling System Replaceable tinted lens with anti-fog coating Lens meets ANSI Z87.1 Dielectric hard cap included Hood may be used WITH or WITHOUT the cooling system Patented Cooling System battery powered (8 'AA' batteries included) produces 80 cfm of air, for comfort in hot environments, decreases fogging of lens U.S. Patent Confirmed #7,357,135	AG25H-A AG40H-A AGW40H-A AGN40H-A AG75H-A
	Hood with Detachable Lamp Replaceable tinted lens with anti-fog coating Lens meets ANSI Z87.1 Dielectric hard cap included Battery operated headlamp attaches to front crown of hood with FR Hook & Loop closure (Batteries Included)	AG25H-L AG40H-L AGW40H-L AGN40H-L AG75H-L
	Hood with Detachable Lamp and Cooling System Replaceable tinted lens with anti-fog coating Lens meets ANSI Z87.1 Dielectric hard cap included Patented Cooling System battery powered (8 'AA' batteries included) produces 80 cfm of air, for comfort in hot environments, decreases fogging of lens Hood may be used WITH or WITHOUT the cooling system U.S. Patent Confirmed #7,357,135	AG25H-AL AG40H-AL AGW40H-AL AGN40H-AL AG75H-AL
Lens Replacement		AG25LENS AG40LENS AGW40LENS AGN40LENS AG75LENS



LENS Cleaning and Maintenance Instructions
Clean and inspect before and after use. Clean with a damp cloth unless heavily soiled. Should further cleaning be required, clean with mild soap and water, pat dry. Disassemble if required, for cleaning or inspection.



ARCGEAR[®]

ArcGear - Protective Lift Front Hood

- Options for 40 cal/cm² Systems

All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative, Tel: 1-800-397-8390** or » **Log on to www.steelgripinc.com** For further technical information » **LOG ON to ARCWEAR.COM** All ARC ratings based on independent test results.
WARNING: Once a garment has been exposed to an arc flash, it must be removed from service.

Our higher level protective garments for electrical hazard exposure are multi-layered yet lightweight and flexible. The additional fabric layers afford greater mass and therefore higher protective values. As stated in the established standards, **the user must determine his or her level of exposure.** **ArcGear CERTIFICATION:** All materials, designs and findings meet the FULL requirements of NFPA 70E (2015 Revised Edition), 1910.269 CFR, ASTM F 1506 and ASTM F 2178.

Protective Lift Front Hood - Options for 25, 40 & 75 cal/cm² Systems

Function	Features	Product
Hood Assembly	Replaceable tinted lens and anti-fog coating Lens meets ANSI Z87.1 Dielectric hard cap included	AG40H3P AGW40H3P AGN40H3P
Hood Assembly	Replaceable tinted lens and anti-fog coating Lens meets ANSI Z87.1 Dielectric hard cap included Hood w/Cooling System	AG40H3P-A AGW40H3P-A AGN40H3P-A
Hood Assembly	Replaceable tinted lens and anti-fog coating Lens meets ANSI Z87.1 Dielectric hard cap included Hood with Detachable Lights and Cooling System	



AGN40H3P



AGN40H3P-L



AGN40H3P-AL

LENS Cleaning and Maintenance Instructions

Clean and inspect before and after use. Clean with a damp cloth unless heavily soiled. Should further cleaning be required, clean with mild soap and water, pat dry. Disassemble if required, for cleaning or inspection.



ArcGear - 40 cal/cm² - Personal Protective Equipment 4 Multi-Layer NOMEX®IIIA & KEVLAR® Construction

ArcGear - W40 cal/cm² - Personal Protective Equipment 4 Double-Layer Westex by Milliken UltraSoft® Construction

All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative, Tel: 1-800-397-8390** or » **Log on to www.steelgripinc.com** For further technical information » **LOG ON to ARCWEAR.COM** All ARC ratings based on independent test results. Protective Garment System Options Include: **HOOD** and **JACKET** with **OVER PANTS** or **BIB OVERALLS** / **HOOD** and **COAT** with **LEGGINGS**
NFPA 70 COMPLIANCE REQUIRES: Wearing The Complete System. **WARNING:** Once a garment has been exposed to an arc flash, it must be removed from service.

Our higher level protective garments for electrical hazard exposure are multi-layered yet lightweight and flexible. The additional fabric layers afford greater mass and therefore higher protective values. As stated in the established standards, **the user must determine his or her level of exposure**. **ArcGear CERTIFICATION:** All materials, designs and findings meet the FULL requirements of NFPA 70E (2015 Revised Edition), 1910.269 CFR, ASTM F 1506 and ASTM F 2178.

40 cal/cm² - Multi-Layer NOMEX®IIIA & KEVLAR®

W40 cal/cm² - Double-Layer Westex by Milliken UltraSoft® Construction
Construction **HOOD** and **JACKET** with **OVER PANTS** or **BIB OVERALLS**

Function	Material	Features	Product
Hood Assembly	SEE ABOVE HEADING for material of	Multi-Layer Nomex and Kevlar Construction Double-Layer UltraSoft® Construction Hood w/Hard Cap - Tinted Lens	AG40H AGW40H
	AG40 cal/cm² or	Hood w/Cooling System Hard Cap - Tinted Lens	AG40H-A AGW40H-A
	AGW40 cal/cm²	Hood w/Lamp Hard Cap - Tinted Lens	AG40H-L AGW40H-L
		Hood w/Cooling System - Lamp Hard Cap - Tinted Lens	AG40H-AL AGW40H-AL
Lens	Replacement	Meets ANSI Z87.1	AG40LENS AGW40LENS
Jacket		35" length Jacket-SIZE: Small thru 6XL STOCK: MD thru 2XL	AG40C-35 AGW40C-35
Overpant		Overpant (suspenders included) SIZE: Small thru 6XL - STOCK: MD thru 2XL	AG40P AGW40P
Bib Overall		Bib Overall-SIZE: Small thru 4XL STOCK: MD thru 2XL	AG40B AGW40B



40 cal/cm² - Multi-Layer NOMEX®IIIA & KEVLAR®

W40 cal/cm² - Double-Layer Westex by Milliken UltraSoft® Construction
Construction **HOOD** (options listed above) and **Coat** with **Leggings**

Function	Material	Features	Product
Coat	SEE ABOVE HEADING for material of	Multi-Layer Nomex and Kevlar Construction Double-Layer UltraSoft® Construction 50" length Coat-SIZE: Small thru 6XL STOCK: MD thru 2XL	AG40C-50 AGW40C-50
	AG40 cal/cm² or AGW40 cal/cm²	55" length Coat-SIZE: Small thru 6XL	AG40C-55 AGW40C-55
Legging		Legging-SIZE: Small thru 6XL STOCK: LG	AG40 L AGW40L

See Size Charts for Jackets and Coats, located in back of catalog, **SIZE CHART IV**

See Size Charts for Overpants and Bib Overall, located in back of catalog, **SIZE CHART II**



All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative, Tel: 1-800-397-8390** or » **Log on to www.steelgripinc.com** For further technical information » **LOG ON to ARCWEAR.COM** All ARC ratings based on independent test results. Protective Garment System Options Include: **HOOD** and **JACKET** with **OVER PANTS** or **BIB OVERALLS** / **HOOD** and **COAT** with **LEGGINGS**
NFPA 70 COMPLIANCE REQUIRES: Wearing The Complete System. **WARNING:** Once a garment has been exposed to an arc flash, it must be removed from service.

Our higher level protective garments for electrical hazard exposure are multi-layered yet lightweight and flexible. The additional fabric layers afford greater mass and therefore higher protective values. As stated in the established standards, **the user must determine his or her level of exposure**. **ArcGear CERTIFICATION:** All materials, designs and findings meet the FULL requirements of NFPA 70E (2015 Revised Edition), 1910.269 CFR, ASTM F 1506 and ASTM F 2178.

40 cal/cm² - HOOD and JACKET with OVER PANTS or BIB OVERALLS

Function	Material	Features	Product
Hood Assembly	NOR*FAB NF ARC & OMNi Quilt	NOR*FAB NF ARC & OMNi Quilt Construction Hood w/Hard Cap - Tinted Lens	AGN40H
		Hood w/Cooling System Hard Cap - Tinted Lens	AGN40H-A
		Hood w/Lamp Hard Cap - Tinted Lens	AGN40H-L
		Hood w/Cooling System - Lamp Hard Cap - Tinted Lens	AGN40H-AL
Lens	Replacement	Meets ANSI Z87.1	AGN40LENS
Jacket		35" length Jacket-SIZE: Small thru 6XL STOCK: MD thru 2XL	AGN40C-35
Overpant		Overpant (suspenders included) SIZE: Small thru 6XL - STOCK: MD thru 2XL	AGN40P
Bib Overall		Bib Overall-SIZE: Small thru 4XL STOCK: MD thru 2XL	AGN40B



40 cal/cm² - HOOD (options listed above) and Coat with Leggings

Coat	NOR*FAB NF ARC & OMNi Quilt	NOR*FAB NF ARC & OMNi Quilt Construction 50" length Coat-SIZE: Small thru 6XL STOCK: MD thru 2XL	AGN40C-50
Legging		55" length Coat-SIZE: Small thru 6XL	AGN40C-55
		Legging-SIZE: Small thru 3XL STOCK: LG	AGN40L



See Size Charts for Jackets and Coats, located in back of catalog, **SIZE CHART IV**

See Size Charts for Overpants and Bib Overall, located in back of catalog, **SIZE CHART II**



ArcGear - 75 cal/cm² - Personal Protective Equipment 4

Multi-Layer KEVLAR® & NOMEX®IIIA Construction

All products listed in **STOCK**, sizes not listed in red are non-stock items. **Questions, contact your Steel Grip representative, Tel: 1-800-397-8390** or » **Log on to www.steelgripinc.com** For further technical information » **LOG ON to ARCWEAR.COM** All ARC ratings based on independent test results. Protective Garment System Options Include: **HOOD** and **JACKET** with **OVER PANTS** or **BIB OVERALLS** / **HOOD** and **COAT** with **LEGGINGS**
NFPA 70 COMPLIANCE REQUIRES: Wearing The Complete System. **WARNING:** Once a garment has been exposed to an arc flash, it must be removed from service.

Our higher level protective garments for electrical hazard exposure are multi-layered yet lightweight and flexible. The additional fabric layers afford greater mass and therefore higher protective values. As stated in the established standards, **the user must determine his or her level of exposure.** **ArcGear CERTIFICATION:** All materials, designs and findings meet the FULL requirements of NFPA 70E (2015 Revised Edition), 1910.269 CFR, ASTM F 1506 and ASTM F 2178.

75 cal/cm²- HOOD and JACKET with OVER PANTS or BIB OVERALLS

Function	Material	Features	Product
Hood Assembly	Multi-Layer NOMEX®IIIA & KEVLAR®	Multi-Layer NOMEX®IIIA & KEVLAR® Construction Hood w/Hard Cap - Tinted Lens	AG75H
		Hood w/Cooling System Hard Cap - Tinted Lens	AG75H-A
		Hood w/Lamp Hard Cap - Tinted Lens	AG75H-L
		Hood w/Cooling System - Lamp Hard Cap - Tinted Lens	AG75H-AL
Lens	Replacement	Meets ANSI Z87.1	AG75LENS
Jacket		35" length Jacket-SIZE: Small thru 6XL STOCK: MD thru 2XL	AG75C-35
Overpant		Overpant (suspenders included) SIZE: Small thru 6XL - STOCK: MD thru 2XL	AG75P
Bib Overall		Bib Overall-SIZE: Small thru 4XL STOCK: MD thru 2XL	AG75B



75 cal/cm²- HOOD (options listed above) and Coat with Leggings

Coat	Multi-Layer NOMEX®IIIA & KEVLAR®	Multi-Layer Westex by Milliken UltraSoft® Construction 50" length Coat-SIZE: Small thru 6XL STOCK: MD thru 2XL	AG75C-50
Legging		55" length Coat-SIZE: Small thru 6XL	AG75C-55
		Legging-SIZE: Small thru 3XL STOCK: LG	AG75L

See Size Charts for Jackets and Coats, located in back of catalog, **SIZE CHART IV**

See Size Charts for Overpants and Bib Overall, located in back of catalog, **SIZE CHART II**

Typical Protective Clothing Systems

This table lists examples of protective clothing systems and typical characteristics, including the degree of protection, for various clothing. The protective clothing selected for the corresponding Personal Protective Equipment number shall have an arc rating of at least the value in the last column.

Hazard Risk Category	Clothing Description	Required Minimum Arc Rating of PPE [J/cm ² (cal/cm ²)]
1	Arc-rated FR shirt and FR pants or FR coverall	16.74 (4)
2	Arc-rated FR shirt and FR pants or FR coverall	33.47 (8)
3	Arc-rated FR shirt and FR pants or FR coverall, and arc flash suit selected so that the system arc rating meets the required minimum	104.6 (25)
4	Arc-rated FR shirt and FR pants or FR coverall, and arc flash suit selected so that the system arc rating meets the required minimum	176.36 (40)

50" Coat and Legging Kit:



Product

- Hood
- Hood bag
- 50" coat
- 19" Leggings
- Safety glasses
- Ear plugs
- Equipment bag



Available for **25, 40, 75** and **100 cal** options

Example:

AGN40K-CL

Product Line Cal Rating Kit CoatLegging

Add "**A**"
for hood with air:

AGN40A-CL

Add "**A**" and "**L**"
for hood
with air and light:

AGN40AL-CL

(See page 34 for full description)



35" Jacket and Bib Kit:



Product

- Hood
- Hood bag
- 35" Jacket
- Bib overalls
- Safety glasses
- Ear plugs
- Equipment bag

Available for **25, 40, 75** and **100 cal** options

Example:

AGN40K-JB

Product Line Cal Rating Kit JacketBib

Add "**A**"
for hood with air:

AGN40A-JB

Add "**A**" and "**L**"
for hood
with air and light:

AGN40AL-JB

(See page 34 for full description)

To order Lift Front Hood Kits add K3P

Example:

AGN40K3P-CL

Product Line Cal Rating Kit CoatLegging



Example:

AGN40K3P-JB

Product Line Cal Rating Kit JacketBib

AG25K-CL (pg. 34)

AGN40K-CL (pg. 37)

AG25K-JB (pg. 34)

AGN40K-JB (pg. 37)

AGW40K-CL (pg. 35)

AG75K-CL (pg. 39)

AGW40K-JB (pg. 35)

AG75K-JB (pg. 39)

AG40K-CL (pg. 35)

AG100K-CL (100 cal Kit)

AG40K-JB (pg. 35)

AG100K-JB (100 cal Kit)

Liquid Chemical Splash Protection

Jacket / Long Coat and Overalls

Chemical Splash Protective Outer Fabric with Thermal Sealed Seams

LIMITED Chemical and Moisture Resistant based on ASTM F903 Flame Resistant based upon ASTM D6413

NO PROTECTION AGAINST HAZARDOUS VAPORS NOT TO BE USED FOR FIRE FIGHTING

Considering only the chemical is not an adequate measure for evaluating the potential risk or hazard. Always consider the amount of liquid the fabric may come in contact with when determining whether this product is the correct fabric to use. This protective product is not to be used for liquid exposures that would be described as continuous submerging or engulfing. Please inspect and verify all seams are sealed. Failure to comply with instructions limitations could result in serious injury or death. **Questions, contact your Steel Grip representative, Tel: 1-800-397-8390.**



**LIQUID
CHEMICAL
SPASH
PROTECTIVE
GARMENTS**

Blue DMT:
protection against
hot liquid and steam
Arc Rating 9 cal/ cm2

Jacket / Long Coat and Overalls

Function	Material	Features	Product
Jacket	Stedfast-Stedair® Unlined with sealed seams	Navy Blue Stedfast-Stedair® Zipper front closure and storm flaps with hook and loop closure. 35" Length - 2 pockets with flaps and weep holes Double sleeve feature for enhanced strength. Radio loop on both sides of chest. Accommodates a detachable parka hood on page 38. SIZES: Small thru 6XLarge	DMT 6070-35 STOCK: Medium thru 3XLarge
Coat	Stedfast-Stedair®	Navy Blue Stedfast-Stedair® Unlined with sealed seams Zipper front closure and storm flap with hook and loop closure. 50" length - Double sleeve feature for enhanced protection. Radio loops on both sides of chest. Accommodates a detachable parka hood on page 38. SIZES: Small thru 6XLarge	DMT 6070-50 A
Bib Overall	Stedfast-Stedair® Unlined sealed seams	Navy Blue Stedfast-Stedair® Adjustable elastic bib straps with fastex buckles. Zipper front closure and storm flap with hook and loop closure. Hook and loop tab adjustment on each side of waist. Leg gores with concealed zipper closure. Adjustable straps at ankles. SIZES: Small thru 6XLarge	DMT 6071

See Size Charts for Jackets and Coats, located in back of catalog, **SIZE CHART CG I**

See Size Charts for Bib Overall, located in back of catalog, **SIZE CHART CG II**

Liquid Chemical Splash Protection

Coveralls / Gloves / Hood w/Fan & Parka Hood

Chemical Splash Protective Outer Fabric with Thermal Sealed Seams

LIMITED Chemical and Moisture Resistant based on ASTM F903 Flame Resistant based upon ASTMD6413

NO PROTECTION AGAINST HAZARDOUS VAPORS NOT TO BE USED FOR FIRE FIGHTING

Considering only the chemical is not an adequate measure for evaluating the potential risk or hazard. Always consider the amount of liquid the fabric may come in contact with when determining whether this product is the correct fabric to use. This protective product is not to be used for liquid exposures that would be described as continuous submerging or engulfing. Please inspect and verify all seams are sealed. Failure to comply with instructions limitations could result in serious injury or death. **Questions, contact your Steel Grip representative, Tel: 1-800-397-8390.**



Blue DMT:
protection against
hot liquid and steam
Arc Rating 9 cal/ cm2

Coveralls / Gloves / Hood with Fan & Parka Hood

Function	Material	Features	Product
Coverall	Stedfast-Stedair®	Navy Blue Stedfast-Stedair® Zipper front closure and storm flap with hook and loop closure. Radio loop on both sides of chest. No pockets Double Sleeve Feature for enhanced strength 15" leg openings with concealed zipper closure Hook and loop adjustment at ankles SIZES: Small thru 6XLarge	DMT 6021 S
Hot Work Gloves	Stedfast-Stedair®	Navy Blue Stedfast-Stedair® 18" length - Vapor barrier, Kevlar lined with Leather palm patches for wear <i>Not</i> to be used for wet chemicals. Sizes L-XL-2XLarge	DMT 3198-18 A
Hood with Fan	Stedfast-Stedair® Unlined sealed seam construction	Navy Blue Stedfast-Stedair® The sealed LEXAN® facepiece is liquid resistant and anti-fog. Hard cap with adjustable ratchet suspension Underarm straps with Hook & Loop closure 80 cfm fan provides outside cooling air Peel off vision pieces available MI01-HP-X	DMT 3709 S-A
Parka Hood	Stedfast-Stedair®	Navy Blue Stedfast-Stedair® Stand up collar with Hook & Loop for parka hood	DMT 6065 JH

See Size Charts for Coveralls, located in back of catalog, **SIZE CHART I**

Liquid Chemical Splash Protection

Chemical Splash Protective Outer Fabric with Thermal Sealed Seams

LIMITED Chemical and Moisture Resistant based on ASTM F903 Flame Resistant based upon ASTM D6413

NO PROTECTION AGAINST HAZARDOUS VAPORS NOT TO BE USED FOR FIRE FIGHTING

Considering only the chemical is not an adequate measure for evaluating the potential risk or hazard. Always consider the amount of liquid the fabric may come in contact with when determining whether this product is the correct fabric to use. This protective product is not to be used for liquid exposures that would be described as continuous submerging or engulfing. Please inspect and verify all seams are sealed. Failure to comply with instructions limitations could result in serious injury or death.

Questions, contact your Steel Grip representative, Tel: 1-800-397-8390.



**LIQUID
CHEMICAL
SPLASH
PROTECTIVE
GARMENTS**

Red RTL:
NON FR liquid chemical splash protection

RTL Jacket / Long Coat and Overalls / Coveralls & Parka Hood

Function	Material	Features	Product
Jacket	Stedfast-Stedair® Unlined with sealed seams	Red Stedfast-Stedair® Zipper front closure and storm flaps with hook and loop closure. 35" Length - 2 pockets with flaps and weep holes. Double sleeve feature for enhanced strength. Radio loop on both sides of chest Accommodates a detachable parka hood. SIZES: Small thru 6XLarge	RTL 6070-35 STOCK: Medium thru 3XLarge
Coat	Stedfast-Stedair® Unlined with sealed seams	Red Stedfast-Stedair® Zipper front closure and storm flap with hook and loop closure. 50" length - Double sleeve feature for enhanced protection. Radio loop on both sides of chest Accommodates a detachable parka hood. SIZES: Small thru 6XLarge	RTL 6070-50 A
Bib Overall	Stedfast-Stedair® Unlined sealed seams	Red Stedfast-Stedair® Adjustable elastic bib straps with fastex buckles. Zipper front closure and storm flap with hook and loop closure. Hook and loop tab adjustment on each side of waist. Leg gores with concealed zipper closure. Adjustable straps at ankles. SIZES: Small thru 6XLarge	RTL 6071
Coverall	Stedfast-Stedair®	Red Stedfast-Stedair® Zipper front closure and storm flap with hook and loop closure. Radio loop on both sides of chest. No pockets. Double Sleeve Feature for enhanced strength. 15" leg openings with concealed zipper closure. Hook and loop adjustment at ankles SIZES: Small thru 6XLarge	RTL 6021 S
Parka Hood	Stedfast-Stedair®	Red Stedfast-Stedair® Stand up collar with Hook & Loop for parka hood	RTL 6065 JH

See Size Charts for Jackets and Coats, located in back of catalog, **SIZE CHART CG**

See Size Charts for Bib Overall, located in back of catalog, **SIZE CHART CG II**

See Size Charts for Coveralls, located in back of catalog, **SIZE CHART I**



1501 East Voorhees Street
Danville, IL 61832

Email steelgrip@steelgripinc.com
Web www.steelgripinc.com

Steel Grip provides these charts which cross reference:

- The garment type and style
- Page numbers where that chart must be used

Steel Grip garments are:

- Generally oversized to accommodate seasonal changes and user laundry practices
- Contact us for detailed laundry practices

For "actual body" chest and waist measurements falling between 2 sizes: **ORDER THE LARGER SIZE!**

SIZE CHART I	SECONDARY WORKWEAR 16700, 9100, 9300 Style COVERALLS (MEN'S) (ORDER BY SM - MD - LG - XL - 2XL CHEST SIZE)				
	SM (36/38)	MD (40/42)	LG (44/46)	XL (48/50)	2XL (52/54)
Chest Size					
Sleeve Length	32	34	36	36	37
Standard Inseam Length	27	28	29	30	31

SIZE CHART II	OVERPANTS & BIB OVERALLS (ORDER BY WAIST SM - MD - LG - XL - 2XL) and OPTIONAL LENGTH				
	SM (30/32)	MD (34/36)	LG (38/40)	XL (42/44)	2XL (46/48)
Waist Size					

Specify desired inseam

Inseam Lengths 28" 30" 32" 34" 36"

Standard Inseam Length 32"

SIZE CHART III	OVERALLS (ORDER BY SM - MD - LG - XL - 2XL WAIST SIZE)				
	SM (30/32)	MD (34/36)	LG (38/40)	XL (42/44)	2XL (46/48)
Waist Size					

Specify optional desired inseam - if desired

Standard Inseam Length Fits 30" - 34" inseam

Short Inseam Length fits Under 30" inseam

Long Inseam Length fits Over 34" inseam

SIZE CHART IV	CAPES / COATS / JACKETS (ORDER BY CHEST SIZE SM - MD - LG - XL - 2XL) and GARMENT LENGTH				
	SM (36/38)	MD (40/42)	LG (44/46)	XL (48/50)	2XL (52/54)
Chest Size					
Sleeve Length Standard	31	33	34	35	36

Optional Lengths

Capes Lengths 24" 19"

Jacket Lengths 30" 35"

Coats Lengths 40" 45" 50" 55" 60"

Optional Sleeve Lengths **Contact Steel Grip**

No options available in stock for **16750 Jackets**

SIZE CHART VI	SECONDARY WORKWEAR PANTS (MEN'S) (ORDER BY WAIST SIZE & INSEAM LENGTH)										
	Waist Size	30	32	34	36	38	40	42	44	46	48

Specify desired inseam

Inseam Lengths 28" 30" 32" 34" 36"

Standard Inseam Length 32"

SIZE CHART VII	SECONDARY WORKWEAR SHIRTS (MEN'S) (ORDER BY CHEST SIZE SM - MD - LG - XL - 2XL) and OPTIONAL LENGTH				
	SM (36/38)	MD (40/42)	LG (44/46)	XL (48/50)	2XL (52/54)
Chest Size					
Sleeve Length Standard	31	33	34	35	36

Optional Lengths

Short - 2" Sleeve Length - 1½" Tail Length

Regular Per Specifications

Long + 2" Sleeve Length + 1½" Tail Length

Tall Per Specifications + 3" Tail Length

Special Optional Sleeve Lengths **Contact Steel Grip**

SIZE CHART CG I	CHEMGEAR JACKETS (MEN'S) (ORDER BY SM thru 5X-Large)				
	Size	Fits Chest Size	Jacket Actual Chest Size	Sleeve Length	RTL Jacket Body Length
SM	36-38"	46"	For optional sleeve length, please, contact Steel Grip.	35"	35"
MD	40-42"	50"		35"	35"
LG	44-46"	54"		35"	35"
XL	48-50"	58"		35"	35"
2XL	52-54"	62"		35"	30"
3XL	56-58"	66"		35"	35"
4XL	60-62"	70"		35"	35"
5XL	64-66"	74"		35"	35"

SIZE CHART CG II	CHEMGEAR BIB OVERALLS (MEN'S) (ORDER BY SM thru 5X-Large)		
	Size	Fits Waist Size	Bib Actual Waist Size
SM	32-34"	42"	30"
MD	36-38"	46"	30"
LG	40-42"	50"	30"
XL	44-46"	54"	30"
2XL	48-50"	58"	30"
3XL	52-54"	62"	30"
4XL	56-58"	66"	30"
5XL	60-62"	70"	30"

For optional sleeve length, please, contact Steel Grip.

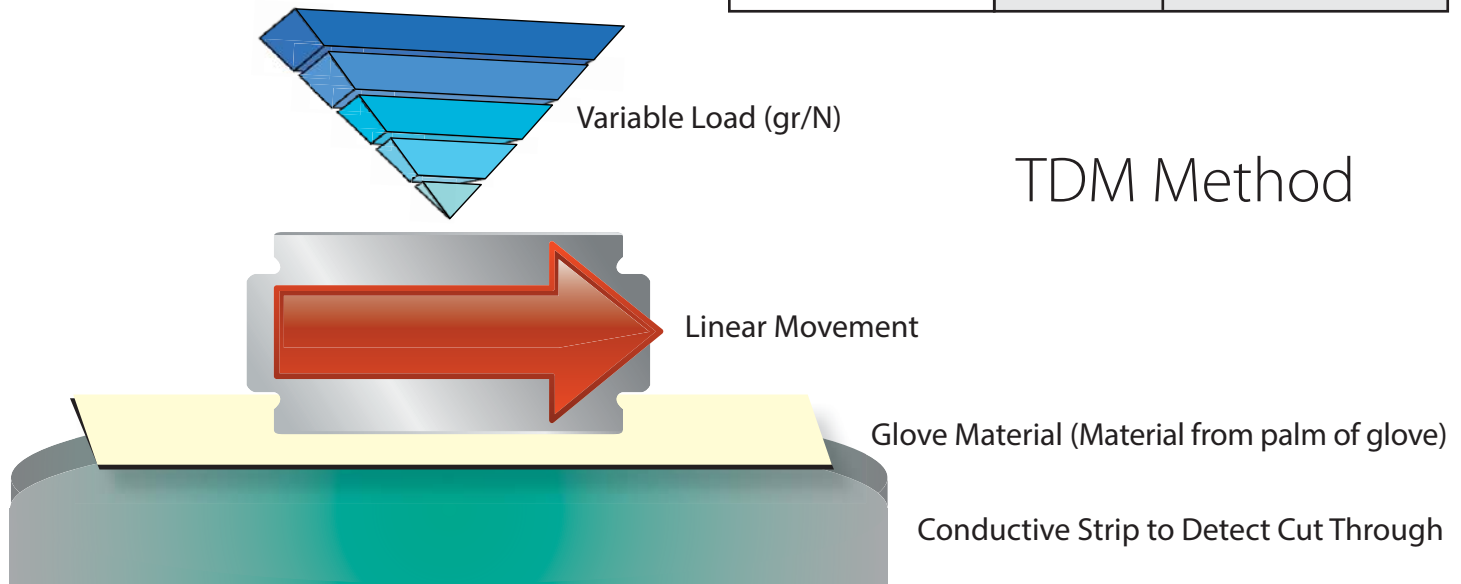
Understanding the ANSI/ISEA 105 Standard Specific to Cut Protection

ANSI Cut Protection Test Rating Systems

The American National Standards Institute and the International Safety Equipment Association have recently updated our industry's ANSI/ISEA 105 Standard. Effective early 2016, this updated standard will provide the criteria to better identify levels of cut protection, abrasion, puncture, chemical, heat, vibration, and dexterity. Much of our industry's attention will be directed toward enhancements in cut protection levels.

These changes are necessary to help our industry move toward establishing an international test method for cut protection. The new test method designation is F2992/F2992M-15. Note going forward there will be nine (9) levels of cut protection performance as opposed to six (6) from the previous test method. Additionally, all levels will reference "A" as a prefix to identify compliance with the new standard.

Levels of Cut Resistance		
	LEVEL	CPPT(grams)
The ASTM testing procedures for fabric cut-resistant gloves (F-1790) compare on a relative basis the cut resistance of a material by measuring the force (load) required to cut fabric with one inch of sharp blade travel. The testing protocol established by ASTM is widely accepted in the industry. ASTM F1790/ F1790M-15 (weight ounces/square yard)	A0	<200
	A1	200 to 499
	A2	500 to 999
	A3	1,000 to 1,499
	A4	1,500 to 2,199
	A5	2,200 to 2,999
	A6	3,000 to 3,999
	A7	4,000 to 4,999
	A8	5,000 to 5,999
	A9	>6,000+



Arm Guard Sizing

How to order			ARM GUARDS			
			Size	Wrist	7" Forearm	9" Forearm
Example: 2-ply Arm Guards						
CN	820-7	Small				
Material	Base # & Length	Size				
NOTE: To figure your size, measure circumference of the wrist and forearm (up to 7" or 9" from wrist).						
			Small	6½"	10½"	11½"
			Medium	7½"	11½"	12½"
			Large	8½"	12½"	13½"
			X-Large	9½"	13½"	14½"



STEEL GRIP INC.

Qualified Protection to meet your needs.

P.O. Box 747
Danville, Illinois 61832

1501 East Voorhees St.
Danville, Illinois 61832



ALASDAF TRADING EST.

Tel. : + (966) 13 362 3921

P.O. Box 42, Al-Jubail 31951

King Fahad Street, KSA

Email: alasdaf@al-asdaf.com

Website: www.alasdaf.com.sa

Telephone: 1-800-397-8390

Fax: 1-800-270-0517

Email: steelgrip@steelgripinc.com

Web: www.steelgripinc.com