



SWSI

Southern Welding Systems International LLC

Welding | Industrial | Safety

International Wholesale Distribution

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WELDING PROTECTION



MillerWelds.com/WeldingProtection



Scan this tag to discover a new revolution in welder protection.



Industrial Protection

Respiratory

PAPR Powered Air-Purifying Respirator

NEW! With Titanium 9400i™ helmet

#247 531 With Auto-Darkening Lens Assembly

#247 532 Without Auto-Darkening Lens Assembly

NEW! With Titanium 9400™ helmet

#247 533 With Auto-Darkening Lens Assembly

#247 534 Without Auto-Darkening Lens Assembly



NEW!

NEW!

- Respiratory protection with a lightweight design for all day comfort
- Comfortable load-bearing shoulder straps for extended wear
- Two air speeds for increased comfort in varied working conditions
- Audible and vibrating alarms notify user in noisy environments
- Low-profile blower design for unrestricted movement

LPR100 Low Profile Respirator P100 Half Mask #245 642

- Provides protection against various airborne contaminants
- Low-profile filter design
- Fits easily under most welding helmets
- Large non-return exhaust valve for reduced user fatigue



NEW!

Titanium Series™ Helmets

Industrial Helmets for the Most Extreme Welding and Grinding Applications

Titanium 1600™ #245 799

Titanium 7300™ #245 800

Titanium 9400™ #245 801

Titanium 9400i™ #245 804

- Aluminum heat shield protects analog lens in high amperage applications
- Durable shock-absorbing gasket protects lens from drop impact
- Silver shell reflects heat to keep helmet and user cool



Titanium 1600

Titanium 7300

Titanium 9400

Titanium 9400i
(features integrated grinding shield)

Model	Shade Type (all lenses have light state 3)	Viewing Field	Arc Sensors	Grind Mode	Power Control	Power Supply	Lens Speed (Seconds)	Sensitivity Control	Delay Control	TIG Rating	Magnifying Lens Holder	Weight
Titanium 1600	Passive Shade 10	4 x 4 in. (102 x 102 mm)	0	No	N/A	N/A	N/A	N/A	N/A	N/A	Yes	17 oz. (482 g)
Titanium 7300	Variable Shade 8-13	3.85 x 1.85 in. (97 x 47 mm)	3	Yes	Auto-On Auto-Off	Replaceable lithium batteries, 2000 hrs.	1/20,000	Yes	.10-1.0 sec.	5 amps	Yes	19 oz. (539 g)
Titanium 9400i and 9400	Variable Shade 8-13	3.85 x 2.38 in. (97 x 60 mm)	4	Yes	Auto-On Auto-Off	Replaceable lithium batteries, (2) 3000 hrs.	1/20,000	Yes	.10-1.0 sec.	5 amps	Yes	24 oz. (680 g)



Heat Stress

CoolBand™ Integrated Headgear Cooling System #244 094

- Up to **8 degrees Fahrenheit cooler** under the hood
- Strategically placed air vents reduce fogging
- Constant air movement removes stagnant air
- Removable air deflector provides airflow adjustability



Note: Not compatible with XL Series™ and Titanium 9400i™ helmets.

CoolBelt™ Belt-Mounted Cooling System #245 230

- Up to **17 degrees Fahrenheit cooler** under the hood
- Provides all-day comfort through maximized airflow power
- Multiple airflow speeds eliminate stagnant air and reduce fogging
- Lightweight design extends wearability



Note: Not compatible with XL Series™ helmets.

Industrial Welding Gloves (See Size Chart)

MIG

- Exclusive pre-curved form-fitting pattern conforms to the natural shape of the hand
- Moisture-wicking cotton fleece lining for additional protection



MIG (Long Cuff)

- Extra long 9-inch cuff for additional protection
- Fully welted seams for extended life



HD MIG/Stick

- Premium side split cowhide for extreme durability
- Aluminized insulation reflects radiant heat



TIG

- Unlined pigskin leather palm provides superior dexterity
- Reinforced palm patch for added comfort



Industrial Welding Apparel



Classic Cloth Apparel

- 9-ounce flame-resistant navy cotton
- Pre-shrunk fabric
- Finished hems and reinforced stitching

1 Classic Cloth Jacket (See Size Chart)

- Barracuda-style collar
- Convenient inside pocket

2 Classic Cloth Cape Sleeves (See Size Chart)

- Allows for bib attachment (sold separately)
- Barracuda-style collar
- Fold-in sleeve snaps

3 Classic Cloth Bib #247 147

- 19-inch length
- Attaches to cape sleeves

4 Classic Cloth Apron #247 149

- 35-inch length
- Adjustable drawstring

5 Classic Cloth Sleeves #247 148

- 18-inch length
- One-handed cinch closure



WeldX™ Apparel

- 7-ounce WeldX provides extreme flame-resistant properties and repels sparks, spatter and molten metals
- Machine washable pre-shrunk fabric
- Chromium free
- Finished hems and reinforced stitching

6 WeldX Jacket (See Size Chart)

- WeldX front and flame-resistant navy cotton back
- Vented back and extended rear tail
- Zipper closure with Velcro® storm flap
- Accessible inside pocket

7 WeldX Cape Sleeves (See Size Chart)

- Allows for bib attachment (sold separately)
- WeldX front and flame-resistant navy cotton back
- Barracuda-style collar
- Fold-in sleeve snaps

8 WeldX Bib #247 133

- 19-inch length
- Attaches to cape sleeves

9 WeldX Apron #247 134

- 35-inch length
- Adjustable drawstring

10 WeldX Sleeves #247 137

- 18-inch length
- One-handed cinch closure

Size Chart (Industrial Welding Gloves)

Glove	Large	X-Large
MIG	#249 195	#249 196
MIG (Long Cuff)	#249 197	#249 198
HD MIG/Stick	#249 193	#249 194
TIG	#249 199	#249 200

Size Chart (Industrial Welding Apparel)

Apparel	Small	Medium	Large	X-Large	2X-Large	3X-Large	4X-Large	5X-Large
Classic Cloth Jacket	#244 749	#244 750	#244 751	#244 752	#244 754	#244 755	#244 756	#244 758
Classic Cloth Cape Sleeves	#247 138	#247 139	#247 140	#247 142	#247 143	#247 144	#247 145	#247 146
WeldX Jacket	#247 114	#247 115	#247 116	#247 117	#247 118	#247 119	#247 120	#247 121
WeldX Cape Sleeves	#247 122	#247 123	#247 124	#247 126	#247 127	#247 128	#247 130	#247 131



WELDING PROTECTION

MP-10™ Series

Miller® Quality for the Value-Minded Welder



- Black #235 626 (6 Pk) #238 497 (Each)
- Inferno™ #235 627 (6 Pk) #238 496 (Each)
- Passive shade 10 lens
- Upgradable to auto-darkening lens

Classic Series

Miller® Quality for the Value-Minded Welder Who Wants an Auto-Darkening Lens



- FS#10 #231 703
- Variable Shade #251 292
- Variable Shade features shade #8-13

Pro-Hobby™ Series

Ideal Helmets for Light-Duty Applications

- 1 Black #231 404
- 2 American Eagle™ II #231 405
- 3 Red Flame #231 408
- 4 Camouflage #231 407
- 5 Blue Heat #250 366



Performance Series™

Mid-Range Helmets for Most Applications

- 6 Black #232 035
- 7 America's Eagle™ #232 036
- 8 Blue Rage™ #241 458
- 9 Fireball™ #234 514
- 10 Camouflage #241 460
- 11 '64 Custom #250 532



Elite Series™

Ultimate Helmets for Most Applications

- 12 Black #241 975
- 13 Stars and Stripes II™ #234 065
- 14 Vintage USA™ #237 838
- 15 Inferno™ #222 669
- 16 Wicked™ #241 464
- 17 Lucky's Speed Shop™ #237 744
- 18 The Joker™ #227 187
- 19 Camouflage #227 188
- 20 Sinister™ #250 088



Digital Elite™ Series

Ultimate Helmets PLUS Four Modes of Digital Versatility for Most Welding and Cutting Applications

- 22 Black #241 979
- 22 Stars and Stripes II™ #234 762
- 23 Vintage USA™ #236 340
- 24 Inferno™ #234 761
- 25 Wicked™ #241 462
- 26 Lucky's Speed Shop™ #237 745
- 27 The Joker™ #235 041



X-mode eliminates: Sunlight interference ▪ Low-amp lens opening – TIG ▪ Lens opening from obstructed sensors – hidden and cavity welds ▪ Lens opening – pipe and curves

Model	Shade Type (all lenses have light state 3)	Viewing Field	Arc Sensors	Grind Mode	Power Control	Power Supply	Lens Speed (Seconds)	Sensitivity Control	Delay Control	TIG Rating	Magnifying Lens Holder	Weight
MP-10™ Series	Passive Shade 10	4 x 4 in. (102 x 102 mm)	0	No	N/A	N/A	N/A	N/A	N/A	N/A	Yes	18 oz. (510 g)
Classic Series FS#10	Fixed Shade 10	3.70 x 1.37 in. (94 x 35 mm)	2	No	Auto-On Auto-Off	Rechargeable solar cell	1/3,600	No	No	20 amps	Yes	16 oz. (454 g)
Classic Series Variable Shade	Variable Shade 8-13	3.75 x 1.38 in. (95 x 35 mm)	2	No	Auto-On Auto-Off	Rechargeable solar cell	1/10,000	Yes	Yes	20 amps	Yes	16 oz. (454 g)
Pro-Hobby™ Series	Variable Shade 8-12	3.85 x 1.57 in. (97 x 40 mm)	2	No	Manual-On Auto-Off	Replaceable alkaline batteries, (2) 2000 hrs.	1/12,000	Yes	Slow/Fast	20 amps	Yes	16 oz. (454 g)
Performance Series™	Variable Shade 8-13	3.85 x 1.85 in. (97 x 47 mm)	3	Yes	Auto-On Auto-Off	Replaceable lithium batteries, 2000 hrs.	1/20,000	Yes	.10-1.0 sec.	5 amps	Yes	17 oz. (482 g)
Elite Series™	Variable Shade 8-13	3.85 x 2.38 in. (97 x 60 mm)	4	Yes	Auto-On Auto-Off	Replaceable lithium batteries, (2) 3000 hrs.	1/20,000	Yes	.10-1.0 sec.	5 amps	Yes	18 oz. (510 g)
Digital Elite™ Series	Variable Shade 8-13 (5-8 for cut mode)	3.85 x 2.38 in. (97 x 60 mm)	4	Yes	Manual-On Auto-Off	Replaceable lithium batteries, (2) 3000 hrs.	1/20,000	Yes	.10-1.0 sec.	5 amps	Yes	18 oz. (510 g)



Accessories



2x4 Auto-Darkening Lens

- #770 660 (Shade 8)
- #770 659 (Shade 9)
- #770 226 (Shade 10)
 - Fits all 2x4-inch windows
 - Solar powered, two arc sensors
 - Light state shade 3
 - Two-year warranty



Safety Glasses

- Black Frame** #238 979 (Clear)
- Black Frame** #235 656 (Smoked)
- Black Frame** #235 662 (Shade 3)
- Black Frame** #235 658 (Shade 5)
- Blue Frame** #235 655 (Smoked)
- Blue Frame** #235 661 (Shade 3)
- Blue Frame** #235 657 (Shade 5)
- Orange Frame** #235 663 (Shade 3)
- Orange Frame** #235 659 (Shade 5)
 - Form fitting orbital eye coverage
 - ANSI Z87.1 compliant



Hard Hat Adapter

- #213 110 (XL and XLi)
- #222 003 (All other Miller Series)
 - Compatible with Fibre Metal and MSA hats. Other brands may fit depending on size and shape. Helmet and hat not included.



Helmet Hook #251 018

- Holds welding helmets, grinding shields or other helmets with a headgear. Silicone strap secures the helmet in place.



Job-Site Tool Bag #228 028

- Over twenty separate pockets
- Opening of 12 x 18.5 inches (305 x 470 mm)



Head Threads

- Bandannas have a sewn-in sweatband
- Caps are reversible with a low, soft bill
- See your distributor for styles and sizes

Packages

Performance Pak shown.



Protection Paks

- Starter Pak** (includes #251 292 Classic VS helmet)
 - #255 848 Large
 - #255 850 X-Large
 - #255 851 2X-Large
- Performance Pak** (includes #232 035 Performance helmet)
 - #240 886 Large
 - #240 887 X-Large
 - #240 888 2X-Large

Welding Gloves (See Size Chart)



Metalworker

- Spandex backing and goatskin palm provide optimal comfort
- Neoprene wrist with Velcro® closure for better fit and support
- HD gloves add a reinforced palm and heavy-duty impact patch



Multi-Purpose

- Breathable pigsplit back with top grain cowhide palm for excellent heat protection
- Moisture-wicking mesh lining and padded palm



MIG

- Breathable pigsplit back with genuine American deerskin palm for ultimate comfort
- Moisture-wicking fleece lining provides additional protection



HD MIG/Stick

- Breathable pigsplit back with top grain cowhide palm provides utmost protection
- FR cotton fleece lining with exclusive channeled foam



TIG (Short Cuff)

- Durable pigsplit back with goatskin palm provide superior protection and dexterity
- Three-inch cuff for additional mobility



TIG

- Durable goatskin back and palm for extended wear and ultimate dexterity
- FR cotton fleece back and padded palm provide excellent protection

Welding Apparel



INDURA® Cloth Jacket (See Size Chart)

- INDURA® flame-resistant cotton (flame resistant guaranteed for life of jacket)
- Nomex® flame-resistant thread
- Allows for patented bib/apron attachment



Combo Jacket (See Size Chart)

- INDURA® flame-resistant cotton (flame resistant guaranteed for life of jacket)
- Premium top grain leather
- Allows for patented bib/apron attachment



Leather Jacket (See Size Chart)

- Premium top grain leather
- Expandable leather strategically placed for optimal mobility
- Satin lined
- Tapered, athletic cut



Combo Sleeves #231 096

- INDURA® flame-resistant cotton/top grain leather
- 21-inch (533 mm) length

Bib/Apron #231 125

- Attaches to INDURA® Cloth and Combo Jackets with snaps across the chest as a bib or along the bottom as an apron

Size Chart (Welding Gloves)

Glove	Medium	Large	X-Large
Metalworker	#251 066	#251 067	#251 068
Metalworker HD	#251 069	#251 070	#251 071
Multi-Purpose	#249 184	#249 185	#249 186
MIG	#249 175	#249 176	#249 177
HD MIG/Stick	#249 172	#249 173	#249 174
TIG (Short Cuff)	#249 181	#249 182	#249 183
TIG	#249 178	#249 179	#249 180

Size Chart (Welding Apparel)

Apparel	Small	Medium	Large	X-Large	2X-Large	3X-Large	4X-Large	5X-Large
INDURA Cloth Jacket	#231 072	#231 073	#231 074	#231 075	#231 076	#231 077	#231 078	#231 079
Combo Jacket	#231 080	#231 081	#231 082	#231 083	#231 084	#231 085	#231 086	#231 087
Leather Jacket	#231 088	#231 089	#231 090	#231 091	#231 092	#231 093	#231 094	#231 095