



Welding Safety & Health

All of our products are designed and built to protect the welder behind the hood and their environment — because that's what we know. By listening to welders and working with them side-by-side, we understand their pain points and have developed products that offer protection from the unique physical dangers and health risks prevalent within welding applications. Miller's complete line of Head and Face, Hand and Body, and Weld Fume protection is designed to protect and perform in demanding welding, cutting and grinding applications.

For more detailed information, visit MillerWelds.com/safety



Welding Helmets

See page 102 for helmet accessories and packages.



Serious dependability backed with a three-year warranty (unless noted).

	T94i™	T94™	Digital Infinity™	Digital Elite™	Digital Performance™	Classic Series VSI™	Classic Series VS	Classic Series FS#10 Flip-Up
Viewing Area	9.2 sq. in.	9.2 sq. in.	13.4 sq. in.	9.2 sq. in.	7.2 sq. in.	5.9 sq. in.	5.2 sq. in.	5.1 sq. in.
Auto-Darkening	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shades	Cut: 5-8 Weld: 8-13	Cut: 5-8 Weld: 8-13	Cut: 5-8 Weld: 8-13	Cut: 5-8 Weld: 8-13	Cut: 5-8 Weld: 8-13	8-13	8-12	10
Modes	Weld/Cut/X-Mode/ Flip grind	Weld/Cut/X-Mode/ External grind	Weld/Cut/ Grind/X-Mode	Weld/Cut/ Grind/X-Mode	Weld/Cut/ Grind	Weld/X-Mode/ Flip grind	Weld	Weld/ Flip grind
Integrated Grind Shield	Yes	—	—	—	—	Yes	—	Yes
Auto-on	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sensors	4	4	4	4	3	3	2	2
TIG Rating	5 amps/below	5 amps/below	5 amps/below	5 amps/below	5 amps	5 amps/below	20 amps	20 amps
Switching Speed	1/20,000	1/20,000	1/20,000	1/20,000	1/20,000	1/20,000	1/10,000	1/3,600
Digital Controls	Yes	Yes	Yes	Yes	Yes	—	—	—
Premium Headgear	Yes	Yes	Yes	Yes	Yes	—	—	—
InfoTrack™	Yes	Yes	Yes	—	—	—	—	—
Weight	25.5 oz. (723 g)	21 oz. (599 g)	23 oz. (652 g)	18 oz. (510 g)	17 oz. (482 g)	24 oz. (673 g)	16 oz. (454 g)	14 oz. (396 g)
Warranty	3 years	3 years	3 years	3 years	3 years	2 years	2 years	2 years

See chart above for feature availability.

X-Mode. Electromagnetically senses the weld to eliminate sunlight interference and continuously detects the arc even if sensors are blocked.

InfoTrack™ arc tracking technology features arc time, time, timer,* and a multi-language help menu.*

*Feature on Digital Infinity models only.

Industry's largest viewing area. Digital Infinity™ Series helmets feature a 13.4 square inch viewing area allowing for a wide range of view.

Premium headgear. Features ample adjustability settings and enhanced support for the perfect fit, maximizing comfort.

NEW!

T94™ Series

Engineered to exceed the demands of professional welders. See literature AY/41.1



T94i™
260483

(features integrated grinding shield)

T94™
260482

NEW! High-definition auto-darkening lens optimizes clarity and color in welding and light states.

Silver finish reflects ambient heat, keeping the user cooler.

InfoTrack™ 2.0 monitors arc time and arc count.

Four operating modes for ultimate versatility: weld, cut, grind and X-Mode.™

Best-in-class comfort for all-day wearability



4% LIGHTER for reduced fatigue



14% BETTER BALANCE for elevated comfort



17% LESS TORQUE for reduced neck strain

Statistics above compare T94i to previous model.

Digital Infinity™ Series

Largest-view helmets for demanding applications. See literature AY/42.0



Black
271329

Black Ops™
271333

Departed™
271332

Stars and Stripes™
271330

Camouflage
271331

- Largest viewing area in the industry at 13.4 square inches
- Four arc sensors and four modes: weld, cut, grind and X-Mode™

Digital Elite™ Series

Versatile helmets for demanding applications. See literature no. AY/43.0



Black
257213

Lucky's Speed Shop™
257214

Stars and Stripes™ III
264852

Inferno™
257217

Vintage Roadster™
259485

Camouflage
256173

Pink Camo
273953

Cat® Edition 1
268618

- 9.2 square inch viewing area
- Four arc sensors and four modes: weld, cut, grind and X-Mode™



Digital Performance™ Series

Mid-range helmets for most welding applications. See literature AY/44.0



Black
256159

Blue Rage™
256164

'64 Custom™
256160

Camouflage
256163

- 7.2 square inch viewing area
- Three arc sensors and three modes: weld, cut and grind

MP-10™ Helmet

Passive, non-auto-darkening helmet.



Black
238497

- Passive shade 10 lens
- Upgradable to auto-darkening lens with kit (236052)

Classic Series

Helmets for the value-minded welder. See literature AY/45.0



VSi™
260938

FS#10 Flip-Up
263038

Black (VS)
251292

Metalworks™ (VS)
271346

Camouflage (VS)
271348

- VSi model features X-Mode
- VSi and FS#10 Flip-Up models feature integrated grinding shield
- VS models available with graphics



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Helmet Accessories



Gen II Headgear 256174

- Extensive adjustability settings and a pivoting top for better fit and comfort



Gen III Headgear 271325

- Oversized comfort cushion provides extensive adjustability, settings, and enhanced support



Slotted Hard Hat Adapter 259637

- Compatible with most slotted hard hats. Helmet and hat not included



Hard Hat Adapter

- 213110 XL and XLi
- 222003 All other Miller Series
- Compatible with most Fibre Metal and MSA hats. Other brands may fit depending on size and shape. Helmet and hat not included



2x4 Auto-Darkening Lens

- 770660 Shade 8
- 770659 Shade 9
- 770226 Shade 10
- 770961 Shade 11
- Fits all 2x4-inch windows
- Solar powered, two arc sensors
- Light state shade 3
- Two-year warranty



Helmet Bib 253882

- Attaches to bottom of the helmet with hook-and-loop fasteners for added neck coverage



Helmet Hook 251018

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



Jobsite Tool Bag 228028

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



CoolBelt™ Belt-Mounted Cooling System 245230

- 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.

Goggles

See literature AY/40.0

Weld-Mask™ Auto-Darkening Goggles 267370



- Compact design allows users to weld in spaces where access with traditional welding helmets is limited
- Ideal for maintenance, repair, and installation or as an alternative for plasma cutting glasses
- Lightweight design virtually eliminates neck strain and eye covering fits tightly to face to block out light for precision welding in bright areas
- Face shield and head cover provide coverage for UV/IR rays and applications with limited spatter
- Goggles feature shades 5, 7, 9, 11 and 13 (light state shade 3)

Safety Glasses

See literature AY/46.0



Classic



Classic w/strap



Spark



Spatter



Slag

- Anti-fog coating and high-quality optics
- Form-fitting orbital eye coverage
- Shatterproof polycarbonate lenses
- Wrap-around designs meet ANSI side shield requirements
- I/O (indoor/outdoor) lenses feature light shading with a mirrored finish
- Smoke lenses provide shade protection in outdoor applications
- Shade 3 and 5 green IR lenses are for cutting, brazing or soldering
- ANSI Z87.1+ compliant

Safety and Cutting Glasses Chart

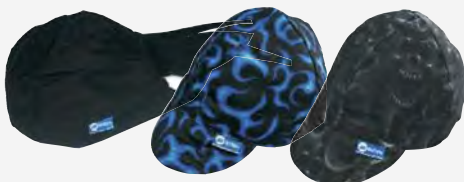
Frame Style/Color	Clear	I/O	Smoke	Shade 3	Shade 5
Classic	272187	—	—	—	—
Classic with Strap	272188	—	—	—	—
Spark™	272190	—	—	—	—
Spatter™ - Black	272191	—	272195	—	—
Spatter™ - White	272198	—	272199	—	—
Slag™ - Black	272201	272202	272203	272204	272205
Slag™ - White	272206	272207	272208	272196	272209
Gen I - Black	238979	—	235656	235662	235658

Head Threads

- Bandannas have a sewn-in sweatband
- Caps are reversible with a low, soft bill

Head Thread Size Chart

Pattern/Color	Bandanna (One size only)	Cap (Size 7)	Cap (Size 7-1/8)	Cap (Size 7-1/4)	Cap (Size 7-3/8)	Cap (Size 7-1/2)	Cap (Size 7-3/4)
Black	250904	—	—	—	—	—	—
Blue Flame	—	230535	230536	230537	230538	230539	230540
Ghost Skulls	—	230541	230542	230543	230544	230545	230546



Welding Apparel

See literature AY/47.5



Grain Leather Jacket (See size chart)

- Top-grain pigskin leather
- Expandable leather strategically placed for optimal mobility
- Flame-resistant inside cuff
- Satin lining
- Tapered, athletic cut
- Sewn entirely with Kevlar® thread, adding structural durability at each seam



NEW!

Split Leather Jacket (See size chart)

- Premium pig split leather
- Extended rear tail for additional protection
- Expandable leather strategically placed for optimal mobility
- Mesh lining
- Sewn entirely with Kevlar® thread, adding structural durability at each seam



WeldX® Jacket (See size chart)

- 7-ounce WeldX front and flame-resistant navy cotton back
- Lightweight exclusive material with extreme flame-resistant properties
- Vented back/extended rear tail
- Zipper closure with hook-and-loop fastened flap
- Chromium free



WeldX® Cape Sleeves (See size chart)

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



WeldX® Bib 247133

- 19-inch length
- Attaches to cape sleeves



Leather Bib/Apron 231125

- Attaches to combo jacket with snaps across the chest as a bib or along the bottom as an apron



Combo Sleeves 231096

- Indura® flame-resistant cotton/top grain leather
- 21-inch length



Classic Cloth Sleeves 247148

- 18-inch length
- Fold-in sleeve snaps
- One-handed cinch closure



Combo Jacket (See size chart)

- 9-ounce Indura® flame-resistant cotton (flame resistance guaranteed for life of jacket)
- Top grain leather
- Pre-shrunk fabric
- Allows for patented bib/apron attachment



Men's



Women's

Indura® Cloth Jacket Men's and Women's (See size chart)

- 9-ounce Indura® flame-resistant cotton (flame resistance guaranteed for life of jacket)
- Pre-shrunk fabric
- Nomex® flame-resistant thread



Classic Cloth Jacket (See size chart)

- 9-ounce flame-resistant navy cotton
- Pre-shrunk fabric
- Fold-in sleeve snaps
- Finished hems and reinforced stitching



Classic Cloth Apron 247149

- 35-inch length with accessible front pocket
- Adjustable drawstring ensures a good fit

Welding Apparel Size Chart

Apparel	Small	Medium	Large	X-Large	2X-Large	3X-Large	4X-Large	5X-Large
Grain Leather Jacket	—	—	231090	231091	231092	—	—	—
Split Leather Jacket	273212	273213	273214	273215	273216	273217	273218	273219
WeldX Jacket	247114	247115	247116	247117	247118	247119	247120	247121
Combo Jacket	231080	231081	231082	231083	231084	231085	231086	231087
Indura Cloth Jacket (Men's)	258095	258097	258098	258099	258100	258101	258102	258104
Indura Cloth Jacket (Women's)	—	264380	264381	264382	264383	—	—	—
Classic Cloth Jacket	244749	244750	244751	244752	244754	244755	244756	244758
WeldX Cape Sleeves	247122	247123	247124	247126	247127	247128	247130	247131

Welding Gloves

See literature AY/47.0

Performance — unprecedented comfort and performance, redefining the welding glove industry. Three-dimensional pattern, select-grade leather and precision craftsmanship with unique design features for specific welding applications. Exceptional dexterity and flexibility.

INDUSTRY FIRST



Extra Heavy-Duty MIG/Stick

- An Industry first! Silicone patches on back for heat and spatter protection
- Multi-layered insulated palm and back
- Dual-padded, pig grain palm for added comfort



Heavy-Duty MIG/Stick (21-inch Long Cuff)

- Padded forearm for additional protection and comfort
- Triple-layered insulated back
- Strategically placed patches on pig grain palm and cow split back for extended glove life



Heavy-Duty MIG/Stick

- Strategically placed patches on palm and back for extended glove life
- Double-layered insulated palm and back
- Pig grain leather palm provides extreme durability and protection



MIG/Stick

- Dual-padded palm for added comfort
- Wool back provides ultimate insulation
- Cow split leather provides extreme durability and protection



MIG (Lined)

- Dual-padded palm
- Fleece insulated palm, foam insulated back
- Cow grain palm, pig split back and goat grain inner fingers provide exceptional dexterity and comfort



MIG (Unlined)

- Unlined palm for heightened feel and dexterity
- Double-layer insulated back and dual-padded palm for added comfort
- Cow grain palm, cow split back and goat grain inner fingers provide exceptional dexterity and comfort



TIG

- Completely unlined for heightened feel and dexterity
- Triple-padded palm for added comfort
- Goat grain leather offers superior flexibility and dexterity



TIG/Multitask

- Dual-padded palm for added comfort
- Wool back provides ultimate insulation
- Goat grain leather offers superior flexibility and dexterity



Work

- Dual-padded palm for added durability
- Fleece back provides ultimate insulation
- Cow grain leather offers superior durability and abrasion resistance



Metalworker

- Durable top grain leather and spandex back for enhanced durability and dexterity
- Neoprene wrist with hook-and-loop closure increases fit and support
- Padded, reinforced palm and thumb saddle for extended wear

Classic — traditional design for the value-minded welder.



Heavy-Duty MIG/Stick

- Reflective insulation on back reduces heat impact
- Moisture-wicking fleece and foam insulation
- Pig grain palm, pig split back and cuff



MIG (Pigskin)

- Reinforcement patches enhance durability
- Moisture-wicking fleece and foam insulation
- Pig split leather palm, back and cuff



MIG (Cowhide)

- Reinforcement patches enhance durability
- Moisture-wicking fleece and foam insulation
- Cow split palm, pig split back and cuff



TIG

- Thin internal padding for added comfort
- Unlined palm for precise dexterity
- Sheep grain palm, cow split back, pig split cuff

Welding Glove Size Chart *All asterisked stock numbers are sold as one pair. All others are sold as six packs (six pairs).

Performance Gloves	X-Small	Small	Medium	Large	X-Large	2X-Large	Classic Gloves	Medium	Large	X-Large
Extra Heavy-Duty MIG/Stick	—	—	—	263350	263351	—	Heavy-Duty MIG/Stick	—	271877*	271887*
Heavy-Duty MIG/Stick (21-inch Long Cuff)	—	—	—	—	263342	—	MIG (Pigskin)	—	271888*	271889*
Heavy-Duty MIG/Stick	—	—	—	263339	263340	269615*	MIG (Cowhide)	—	271890*	271891*
MIG/Stick	—	—	—	263343	263344	269616*	TIG	271892*	271893*	271894*
MIG (Lined)	—	—	263332	263333	263334	269618*				
MIG (Unlined)	—	—	263335	263336	263337	—				
TIG	263345	263346	263347	263348	263349	—				
TIG/Multitask	—	263352	263353	263354	263355	—				
Work	—	—	266041*	266042*	266043*	—				
Metalworker	—	—	251066	251067	251068	—				