



# MCR SAFETY EYEWEAR GUIDE





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# INTRO TO EYE PROTECTION

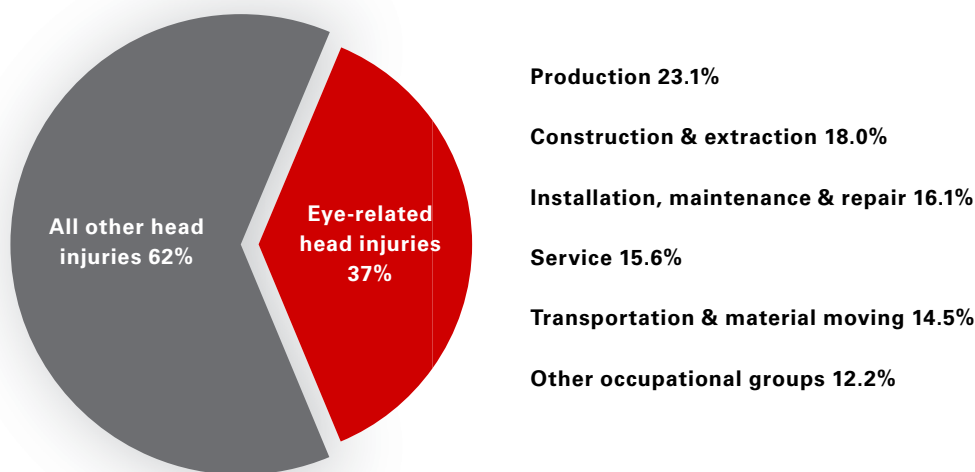
Each year, more than **2.5 million** eye injuries occur, with around 50,000 people permanently losing part or all of their vision. This essentially means 50,000 people every year will most likely no longer be able to drive, watch their kid's recital, play their favorite sports, or fully take in our beautiful world.

From a financial standpoint, eye injuries cost American employers **\$300 million a year** in medical expenses, lost production time, and employee compensation. But in reality, that's only a fraction of the cost. When you

factor in the individual, employer, insurance companies, and government programs, **eye injuries cost the United States approximately \$1.3 billion** every year.

More than **2,000 people** injure their eyes at work every day. Here is a look at the occupations with the greatest risk of an eye injury.

**Percent distribution of nonfatal workplace eye injuries and illnesses involving days away from work, by occupational group, 2008**



Source: U.S. Bureau of Labor Statistics

Ninety percent of all eye injuries mentioned above, could have been lessened or even prevented, had the person been wearing the right protective eyewear for the job.

At MCR Safety, We Protect People! Let us help keep your eyes protected!



# ABOUT MCR SAFETY

MCR Safety started manufacturing protective eyewear in 1984. In the beginning, only a small number of styles were offered, like our TK1, SS, and ST1 series. Today, MCR Safety offers over 700 variations of glasses, face shields, goggles, welding shades and accessories.

Different people have different needs and preferences, which is why we are committed to offering a large selection. It's not just about job hazards and ANSI guidelines.

Will the eyewear adjust to fit my particular face? Are they comfortable? Does the style block out dust? Do they look good?

## SOME OF OUR RECENT AWARDS INCLUDE

**2010**



**Our ForceFlex glasses earned the  
OHS New Product of the Year Award**

**2016**



**Our Dominator 3 Glasses earned the  
OHS New Product of the Year Award**



# HOW SAFE IS OUR PROTECTIVE EYEWEAR?

When it comes to safety and quality, there is no compromise! At MCR Safety we assure our protective eyewear quality level by controlling 100% of our manufacturing process. We also source premium, virgin polycarbonate and nylon resins. Some manufacturers cut corners and utilize recycled materials in order to achieve lower price points, but recycled polycarbonate has less impact resistance than comparable products manufactured with virgin material.

We choose to put worker safety first instead!

All of our eyewear meets or exceeds the ANSI Z87.1-2015 standard, which distinguishes between two impact levels: non-impact (as noted by a Z87 marking) and impact (shown by a Z87+). What does this mean in practical terms? Well, we test all our eyewear styles by shooting a steel ball at them at 150 feet per second. If your mom ever yelled, "You'll shoot your eye out!" when you were a kid, now's your chance to call her back and say "Nope, not anymore."

[Check out our video](#) highlighting MCR Safety's ISO 17025 accredited lab.



**LCT Lens Cleaning Station, 100 Towlettes**

# REAL-LIFE TESTIMONIAL



Speaking of not having your eye shot out, one needs looking no further than the story of Doug Alvarez, who served as a Navy Seabee during the Iraq wars. Alvarez took his T1 safety glasses with him to the war --the same safety glasses he normally wore at work.

On May 2, 2004 around 2pm, Alvarez and his truck team assembled to be briefed for their next mission. Shortly after their mission began, Alvarez's unit came under mortar attack. The first mortar landed approximately 150 meters from Alvarez, and the second landed just within his group. The blast knocked Doug to the ground. Though conscious, he was not able to move under his own strength. Alvarez was flown to Baghdad for operations before being flown to the Naval Medical Hospital at Bethesda, Maryland. He sustained multiple wounds, mostly to the right side of his body.

Pieces of shrapnel wounded his forehead and jaw, and wounded his abdomen in two places. Shrapnel also penetrated Alvarez's right thigh, his knees, his right

shin, and his right ankle. His second toe was shattered and two other toes on his right foot were wounded. That day Alvarez's unit sustained 38 casualties; 18 were flown out and 5 died in the attack.

After he returned home, Alvarez learned that one of his friends had recovered something from the day of the mortar attack. His MCR Safety protective eyewear stopped a large piece of shrapnel from penetrating his eye! Scott Oster, Alvarez's supervisor at Clearwater Public Utilities, summed it up well: "The only thing that saved his eye and probably a big shot to his head was the Good Lord and his Crews safety glasses."



"When I saw those glasses for the first time," Alvarez said, "I felt damn lucky. I hope that no one is ever that near to a mortar attack again, but if they are, I hope a pair of Crews glasses will do for them what they

MCR Safety eyewear Protects People all over the world, both at work and away from the job!



# THE IMPORTANCE OF EYEWEAR IN METAL FABRICATION



In most industries, there isn't a concern over flying shrapnel from Mortal shells. However, there are plenty of times when protective eyewear must be worn, definitely when metal fragments are flying around. In metal fabrication, eye protection is almost always critical. As we highlighted on page 3, production occupations are at a greater risk of experiencing eye injuries. The **BLS** shows that 61% of all Metal Fab occupations involve production occupations, which means protective eyewear is of the utmost importance.

Hazards can come from the metal itself (slivers, solder), from tools (electricity, glare), or from the general work environment (dust, heat).

Welding is an occupation where eyewear and face shields must be always worn. The BLS reports that 10% of all US eye injuries result from the work of welders, cutters, and brazers.

# HOW DO I CHOOSE THE RIGHT EYEWEAR?

- **I'm working in an area where objects might fall or hit me in the face.**  
Choose a style with impact protection (Z87+).
- **I'm working in an area with flying debris.**  
Choose lined eyewear or goggles with ventilation
- **I'm working in an area with dust or fine dust in the air.**  
Choose goggles (D4 for dust, D5 for fine dust).
- **I'm working with chemicals.**  
Choose goggles with indirect ventilation (HB3).
- **I'm working around bright lights or sunlight.**  
Choose a style with UV protection (U plus a rating number). Consider wearing Polarized and Polarized Max36 styles.
- **I'm welding or using lasers.**  
Only wear eyewear specially designed for these tasks.

Always choose eyewear based on the highest level of hazard you expect to encounter and which meets all of your combined requirements.

# THE MOST COMMON WORKPLACE HAZARDS FOR THE EYES



## **Flying debris.**

This is by far one of the most common causes of eye injuries. Metal slivers, dust, sand, and concrete fragments are all regular culprits. These can be ejected from tools, tossed up by vehicles, or carried by the wind.



## **Falling objects.**

Objects as small as a screw, which might be just an annoyance if they landed on any other part of the body, can cause permanent damage if they happen to impale the eye.



## **Caustic chemicals.**

If something as gentle as shampoo can cause your eye to burn like crazy, just imagine what industrial chemicals can do! This includes splashing liquids as well as gasses or mists that can hang in the air, especially in enclosed spaces.



## **Heat.**

A blast of hot air can be truly uncomfortable. A blast of boiling water or molten metal can be devastating.





### UV Light.

Burns from UV flashes are a large percentage of eye injuries in welders, accounting for 19% of the eye injuries in that occupation. While not as immediately dramatic, prolonged UV exposure from sunlight can cause major damage to eyes over the longer term, including vision loss and even eye cancer.



### Glare.

While ordinary glare doesn't normally cause injury directly, it reduces visibility which can in turn lead to accidents.

### Some hazards can even be caused by the wrong eyewear.

- **Electricity.** Ordinary street glasses typically have metal parts and are not dielectric, which makes them an electrocution hazard.
- **Fogging.** When glasses fog up due to temperature changes, the resulting reduction in vision can cause major accidents. Be sure to wear Anti-Fog, Max 6 or Max 36 styles.
- **Scratches.** Over time, scratched eyewear can also cause visual distractions and reduce workers' ability to see clearly. We cover some new scratch technology advancements in our next section.

# THE LATEST IN EYEWEAR TECHNOLOGY

Technology is always advancing, and there is no such thing as “good enough” when it comes to safety gear. Here are some of the recent advancements that make our glasses, goggles, and face shields so reliable and versatile.

## WIRE CORE TECHNOLOGY



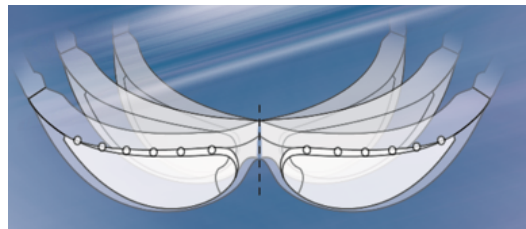
Even if you didn’t wear glasses as a kid, you probably knew someone who did. And there’s a good chance they spent a lot of their time pushing their glasses back up their nose. Why is this? Because children’s glasses in particular tend to be made of cheap materials, designed to be outgrown after a year or so. They don’t always fit well at the nose, temples, or ears, and the result is the need for constant adjustment.

This is annoying but acceptable in the classroom. But on the worksite, constantly reaching up to touch your face isn’t just frustrating, it can be downright dangerous.

Wire core technology gives you independently adjustable nose pads and temples to fit most facial

profiles. The nose pads and temples are co-injected thermoplastic rubber with a wire core for complete adjustability. This means a better fit with less sliding, leaving you with a safer work environment.

## FORCEFLEX TECHNOLOGY



Do you struggle to find a baseball hat that fits you properly, much less a decent pair of glasses? ForceFlex is your chance to experience superior fit and comfort. ForceFlex technology incorporates patented multi-injection molding of the lens with a flexible thermoplastic urethane (TPU) frame.

The TPU material allows the frame to flex and fit individual faces of all sizes, so there’s no worry about borrowing glasses meant for someone whose head is a different size. This makes it an excellent option for shared gear, as well as for those with an especially wide or narrow face.



# THE LATEST IN EYEWEAR TECHNOLOGY

**MAX 3**  
**3X GREATER**  
**SCRATCH RESISTANCE**

## Max 3™

While any decent protective eyewear will protect your eyes from flying debris and falling objects, protective lenses aren't always as good at protecting themselves from harm. Scratched lenses can lead to visual distraction, causing the number of workplace incidents and accidents to rise.

MAX3™ scratch-resistant glasses can stand up to any hazards you're likely to meet on the job, and **a lot of hazards you won't**. We don't recommend rubbing your face with steel wool, but if you did, your glasses with MAX3™ scratch-resistant technology would still come out looking brand-new.

**MAX 6**  
**6X GREATER**  
**ANTI-FOG PROTECTION**

## Max 6™

**Originally developed by NASA** during Project Gemini to keep space suit visors fog-free, anti-fog agents prevent condensation from forming. Anti-fog

coatings work to various degrees, and our

**MAX6™ technology is some of the best,** offering six times the anti-fog performance of standard fog-resistant styles. Where standard glasses can take minutes to clear and anti-fog glasses can take 60 seconds or more, glasses with MAX6™ technology clear in 10 seconds or less, if they fog up at all.

**MAX 36**  
**3 TIMES GREATER**  
**OUTER SCRATCH RESISTANCE**  
**6 TIMES GREATER**  
**INNER ANTI-FOG PROTECTION**

## Max 36™

When you combine anti-fog and anti-scratch technology in **MAX36™ glasses**, you've got a pair of glasses that works in a huge range of environments.

MAX36™ lenses are flow coated (also known as dual coated) lenses. This means that we apply our MAX3™ to the outside lens and then apply MAX6™ to the inside lens, leaving you with the toughest, most durable safety glasses that also rid you of the need to worry about foggy lenses. This is the power of MAX36™. MAX3™ protects the outside of the lens from flying metal, debris impact and scratches while MAX6™ ensures fog free visibility. If your job requires you to move from one extreme temperature to another, then MAX36™ is just the coating you need.

# THE LATEST IN EYEWEAR TECHNOLOGY



Polarized Technology and Max 36™. Do you regularly work in the sunlight or around other bright light sources? Do you often find yourself squinting because of glare? Don't underestimate glare as a workplace hazard. Not only can it cause eye damage, it can also cause accidents due to visual disturbance. It's tough to see the tripping hazard at your feet when you're dealing with sunlight that's reflecting straight into your eyes.

Polarized lenses feature a special filtering layer that blocks out reflected light from below and glare from above while allowing direct light to pass through. By allowing in only direct light, this type of lens maximizes your ability to see both contrast and colors while eliminating glare that would otherwise obscure your vision.

Did you think you would have to choose between anti-scratch, anti-fog, and polarized technology? Think again. MCR Safety carries four styles that incorporate all three technologies, creating the ultimate safety eyewear. [Check out the Max 36 technology here.](#)



**MOUD118BZDC** Mossy Oak Shadow Grass,  
Max36 Blue Diamond lens



**MOUD117BZDC** Mossy Oak Shadow Grass,  
Max36 Black Bossman Mirror lens

**DM1337BZDC** Dominator DM3 Black Frame, Max36 Black lens

**UD128BZDC** Translucent Dark Blue Frame,  
Max 36 Blue Diamond Mirror Lens





# THE LATEST IN EYEWEAR TECHNOLOGY

**ALL POLARIZED  
SKU'S**



## Polarized Technology



Polarized styles assist workers with glare, often during bright conditions, wet conditions and snowy conditions. Our polarized lens ensure workers stay safe, perform their best at work and avoid those dreaded headaches!

<b>DM1337BZ</b>	Dominator DM3 Black Frame, Black Polarized	<b>UD11RZ</b>	Gun metal color frame, Fire Mirror Lens
<b>DM131RZ</b>	Dominator DM3 Gun Metal Fire, Polarized	<b>TB112AFZ</b>	Graphite frame, Gray Anti-Fog lens
<b>DM1328BZ</b>	Dominator DM3 Clear Frame, Blue Diamond Polarized	<b>SR112Z</b>	Polished Black Frame, Gray Lens, Polarized
<b>UD128BZ</b>	Translucent Dark Blue Frame, Blue Diamond Mirror Lens	<b>CR132BAFZ</b>	Brown Translucent Frame, Brown Anti-Fog Lens

# THE LATEST IN EYEWEAR TECHNOLOGY

**MAXBLUE™  
LENS  
TECHNOLOGY**



**VL210MB** - VL2, Navy Blue Frame, MAXBLUE™ lens

MAXBLUE™ lens technology blocks 41% of ISO 12312-1 blue light while allowing 88% of visible light to pass through.

There are many jobs that demand the use of handheld devices, RF scanners, or other portable devices. All of these devices emit blue light, which has been known to cause eye fatigue, headaches, and migraines. Many of these jobs are also indoors (meaning lower light levels overall), and until recently, anyone who needed to block a good portion of blue light had to resort to amber lenses.

So, what's the problem? Amber lenses distort color vision, leaving those who work with color-coded materials in a hazardous bind. Should you choose to protect your eyesight or maintain color clarity? With MAXBLUE™ lens technology, you can wear a clear lens with just a faint mirror to it while still blocking 41% of blue light.



**Handheld device used in airports**

# FEATURED EYEWEAR STYLES

## DOMINATOR (DM3)



Adjustable nose pad

Wire core technology

**MAX 3**  
3X GREATER  
SCRATCH RESISTANCE

**MAX 6**  
6X GREATER  
ANTI-FOG PROTECTION

**MAX 36**  
3 TIMES GREATER  
OUTER SCRATCH RESISTANCE  
6 TIMES GREATER  
INNER ANTI-FOG PROTECTION

**The Dominator™ series** includes wire core independently adjustable nose pads to fit most facial profiles. The Dominator™ glasses are available with MAX3™ scratch resistant coating which provides three times greater scratch resistance, MAX6™ anti-fog coating which is proven to provide six times greater fog-resistance and dissipation, or Bossman™ Mirror lens coating. In addition to the core Dominator™ feature, the Dominator™ includes a co-injected brow guard for extra protection and co-injected soft TPR temples to increase comfort. Dominate your day with adjustability, protection, and comfort!

- Italian fashion, sport focused design
- Co-injected wire core adjustable nose pads for complete adjustability
- Co-injected Brow Guard provide additional protection
- Co-injected soft TPR temples increase comfort
- Available in 1.0, 1.5, 2.0, 2.5 Diopters

One style fits all, wire core adjustability, comfort, and protection.

### Gun Metal Frame

DM1310P	Clear Max3
DM1310PF	Clear Max6
DM1312P	Gray Max3
DM1312PF	Gray Max6
DM1319	Bossman Indoor/ Outdoor

### Clear Frame

DM1320PF	Clear Max6
DM1322PF	Gray Max6
DM1323PF	Light Blue Max6
DM1328B	Blue Diamond Mirror
DM1328BZ	Blue Diamond Polarized
DM1329	Bossman Indoor/ Outdoor

### Black Frame

DM1330PF	Clear Max6
DM1332PF	Gray Max6
DM1334PF	Amber Max6
DM1337B	Black Mirror
DM1337BZ	Black Polarized

### Yellow Frame

DM1340PF	Clear Max6
DM1348B	Blue Diamond Mirror

### Clear Mirror

DM131R	Fire Mirror
DM131RZ	Polarized





## FEATURED EYEWEAR STYLES

## FORCEFLEX (FF1, FF2, FF3)

Virtually indestructible, unparalleled levels of protection, flexibility, and fit.



..... TPR on temples  
providing comfort

..... Bayonet temple  
on side

**ForceFlex 1™ (FF1)**



**ForceFlex 2™ (FF2)**

ForceFlex incorporates a patented, multi-injection molding of the lens with a flexible thermoplastic urethane (TPU) frame. Due to its construction, Force Flex styles greatly exceed the military MIL-PFR-31013 Standard for ballistic level impact resistance. This achievement benefits consumers by providing unparalleled levels of protection.

**ForceFlex™ (FF1)** – Our first generation of ForceFlex technology.

**ForceFlex 2™ (FF2)** – Stylish half frame design.

**ForceFlex 3™ (FF3)** – Our third generation ForceFlex is lighter, more comfortable, and even more flexible than before.



**ForceFlex 3™ (FF3)**



# FEATURED EYEWEAR STYLES

## FORCEFLEX (FF1, FF2, FF3)



ForceFlex glasses come loaded with features:

- ForceFlex technology incorporates patented multi-injection molding of the lens with a flexible thermoplastic urethane (TPU) frame. The TPU material allows the frame to flex and fit individual faces.
- Meets military VO test regimen for high velocity impact protection, exceeds ANSI Z87+ high impact standards, EN166 standards, and AS/NZS 1337 compliant. Withstands impact resistance at over 1000 feet per second.
- Dual material temples combine thermoplastic rubber (TPR) for comfort and grip and polycarbonate for durability.
- Bayonet temple design.
- Universal nose bridge.



### ForceFlex (FF1)

FF120	Clear Lens
FF122	Gray Lens
FF124	Amber Lens
FF128B	Blue Diamond Mirror Lens
FF132	Clear Anti Fog Lens
FF137	Silver Mirror Lens

### ForceFlex (FF2)

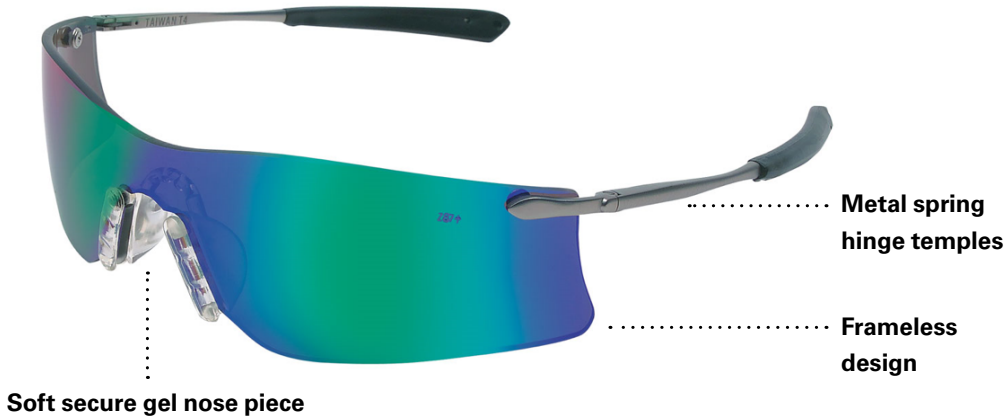
FF210	Clear Lens
FF212	Gray Lens
FF214	Amber Lens
FF220	Clear Lens
FF222	Gray Lens
FF232	Gray Lens

### ForceFlex Next Generation (FF3)

FF310AF	Clear Lens
FF312AF	Gray Lens
FF317	Silver Mirror Lens
FF318B	Blue Diamond Mirror Lens
FF319AF	Clear Mirror Anti-Fog Lens
FF31R	Fire Mirror L

# FEATURED EYEWEAR STYLES

## RUBICON® (T4)



**Metal frame and resilient spring hinge temples.**

### Rubicon

T4110AF	Clear Anti-Fog Lens
T4112AF	Gray Anti-Fog Lens
T4113AF	Light Blue Anti-Fog Lens
T411G	Emerald Mirror Lens
T411R	Fire Mirror Lens

For over a decade now, the Rubicon® has been MCR Safety's most requested premium eyewear style. Style, functionality and a handful of features makes this eyewear style a popular choice.

- Curved, frameless lens design offering close orbital seal for increased protection
- Platinum color metal temples
- Bayonet temple design
- Non-slip gel temple sleeve
- Soft, secure gel nose piece





# FEATURED EYEWEAR STYLES

## SWAGGER (SR1)



Who says style and look must be sacrificed in staying safe? The Swagger's thick, wide, sleek, low profile temples and modern design gives you the look and protection that you desire. This eyewear offers an excellent orbital seal and great comfort.

- Sporty design
- Soft material co-injected onto temples
- Excellent orbital seal
- Soft, secure TPR nose pad
- Exclusive Duramass™ scratch-resistant hard coating with available anti-fog
- Available in black, red, or white frames
- Wider temples for better side protection



**Stylish and sporty design with an excellent orbital seal.**

### Black Frame

SR110	Clear Lens
SR112	Gray Lens
SR112Z	Gray Lens, Polarized
SR114	Amber Lens
SR117	Silver Mirror Lens
SR118B	Blue Diamond Mirror Lens
SR119AF	Indoor/Outdoor Clear Mirror Lens
SR11R	Fire Mirror Lens

### White Frame

SR120	Clear Lens
SR122AF	Gray Anti-Fog Lens
SR127	Silver Mirror Lens
SR128B	Blue Diamond Mirror Lens

### Crimson Red Frame

SR130	Clear Lens
SR132AF	Gray Anti-Fog Lens
SR137	Silver Mirror Lens
SR13R	Fire Mirror Lens

### Clear Frame

SR140AF	Clear Anti-Fog Lens
SR142AF	Gray Anti-Fog Lens
SR148B	Blue Diamond Mirror Lens
SR14R	Fire Mirror Lens

# FEATURED EYEWEAR STYLES

## KLONDIKE (KD1, KD2, KD3, KD5)



KD1 nose  
piece

Orbital seal



KD3  
5-position  
ratchet  
temple



KD2 adjustable two-  
bridge nose piece

KD2 metal-spring  
hinge temples



KD5  
4-point  
ratchet  
system

### Klondike (KD1) —

Full orbital seal with dual lens design

- Matte blue or black frame finish
- Spatula temples w/extension adjustment
- Proprietary gel nosepiece

### Klondike Metal (KD2) —

Spring hinge metal design

- Unique twin bridge adjustable nose piece
- Lightweight metal frame with extreme flexibility
- Spring hinge metal temples
- Non-slip temple sleeves

### Klondike Plus (KD3) —

Adjustable, 5-position ratchet action temple

- Black matte finish frame
- Full orbital seal with dual lens design
- Spatula temples
- Proprietary gel nosepiece
- Available in 1.0, 1.5, 2.0, 2.5 Diopters

### Klondike (KD5) —

4-Position ratchet action temple and browguard

- Co-Injected TPR Browguard protects from dust and debris
- Soft, secure co-injected TPR nose pad
- Unparalleled single lens vision
- Vented frame for increased airflow



# FEATURED EYEWEAR STYLES

**LAW  
(LW2, LW3,  
AND OTG)**



LW2 nose  
piece

LW2 TPR  
temple inserts



LW3 foam lining  
inside lens



Law OTG fits  
over RX glasses



# FEATURED EYEWEAR STYLES



The BearKat® combines the best in safety, comfort, and affordability.



A worker's vision is unobstructed by the one-piece wraparound lens, providing users with a tight fit for maximum safety. Comfort is enhanced by the flexible temples and the non-slip temple sleeves are notched for a clip-on breakaway cord!

- Single lens design with integral side shields for greater orbital seal
- Dielectric, constructed without metal components
- Hybrid temple design
- Thermoplastic rubber (TPR) temple inserts and nose pads enhance grip and comfort

## BEARKAT (BK1, BK2, BK3)

**Strong, effective, and lightweight style with non-slip temple sleeves.**

### BearKat (BK1)

BK010	Clear Lens, Uncoated
BK012	Clear Uncoated Lens
BK110	Clear Lens
BK110AF	Clear Anti-Fog Lens
BK112	Gray Lens
BK112AF	Gray Anti-Fog Lens
BK113	Light Blue Lens
BK114	Amber Lens
BK116	Orange Lens
BK117	Silver Mirror Lens
BK118	Blue Mirror Lens
BK119	Indoor/Outdoor Clear Mirror Lens

### BearKat Small (BK2)

BK210	Clear Lens
BK212	Gray Lens
BK213	Light Blue Lens
BK219	Indoor/Outdoor Clear Mirror Lens
BK220	Pink Temples Clear Lens
BK222	Pink Temples Gray Lens
BK229	Pink Temples Indoor/Outdoor Clear Mirror Lens

### BearKat with Soft Gel Nose Pad (BK3)

BK310	Clear Lens
BK310AF	Clear Anti-Fog Lens
BK312	Gray Lens
BK312AF	Gray Anti-Fog Lens
BK313	Light Blue Lens
BK314	Amber Lens
BK317	Silver Mirror Lens
BK318	Blue Mirror Lens
BK319	Indoor/Outdoor Clear Mirror Lens



# FEATURED EYEWEAR STYLES

## CHECKLITE (CL1, CL2, CL3)



CL1 orbital seal

CL1 flexible temple



**CL2 small size to fit smaller profiles**  
(12% smaller than CL1)



CL3 foam

**Cost effective option, good for everyday use or a new visitor spec.**

- Flexible spatula temples
- 2-pc polycarbonate lens provides near total orbital seal
- Clear uncoated lens available
- Smaller frame sized to fit smaller faces
- Available in 12 pair dispenser box

### Checklite (CL1)

CL010	Uncoated Clear Lens
CL010D	EDB-12 w/12 pr CL010
CL012	Gray Uncoated Lens
CL110	Clear Temples, Clear Lens
CL110AF	Clear Temples, Clear Anti-Fog Lens
CL112	Smoke Temples, Gray Lens
CL112AF	Smoke Temples, Gray Anti-Fog Lens
CL113	Light Blue Temples, Light Blue Lens
CL114	Amber Temples, Amber Lens
CL117	Gray Temples, Silver Mirror Lens
CL118	Gray Temples, Blue Mirror Lens
CL119	Clear Temples, Indoor/Outdoor Clear Mirror Lens

### Checklite Small (CL2)

CL210	Clear Temples, Clear Lens
CL212	Smoke Temples, Gray Lens

### Checklite Foam (CL3)

CL310AF	Clear Anti-Fog lens
CL312AF	Gray Anti-Fog lens
CL319AF	Indoor/Outdoor Clear Mirror Anti-Fog lens

# GOGGLES

**Goggles** are designed to prevent small particles, liquids, and gases from getting into the eye area. The first goggles were engineered to keep basic particulates out of the eyes. Newer designs offer protection against liquids and gases in the sealed area.

One way of making goggles more comfortable is venting. Venting refers to the airflow through the goggle. Venting is needed to assist in reducing fogging, moisture build up, or heat in the goggle. Basic goggles are perforated on the sides for what is called direct venting. Direct venting should not allow in spherical objects smaller than 1.5mm (0.059 in) in diameter.

Chemical protection type and higher quality goggles are vented in an indirect way. Indirect venting allows airflow, while not allowing particles or chemicals direct, or straight-line passage, from the exterior to the interior of the goggle.

Goggles are tested to the ANSI Z87.1-2015 standard. To meet the high impact standard they are tested with a .25 inch steel ball propelled at 250ft per second. MCR Safety offers many options in our goggle product category.



## HYDROBLAST™ (HB3)

**Low profile athletic design and 7-Point Ratchet action temple allow for all day comfort and adjustability**

The Hydroblast™ 3 goggle features a unique co-injected super soft TPR seal providing users with a comfortable fit. The Hydroblast™ 3 goggle is available with clear MAX6™ or gray MAX6™ lens options.

- Co-injected super soft TPR seal allows for better, yet more comfortable fit
- Low profile athletic design
- D3 for splash and droplet protection
- Indirect vents
- 7-point ratchet action hinge
- Adjustable rubber, non-liquid absorbing strap
- Dielectric

### Hydroblast (HB3)

HB1320PF      Clear MAX6® Rubber Strap  
HB1322PF      Gray MAX6® Rubber Strap





# GOGGLES

## PREDATOR (PD2)



Full foam venting and D4 dust rated, with five-point ratchets to provide complete adjustability.

- ANSI/ISEA Z87.1 D4 designation for dust
- Full foam venting reduces heat buildup and assists in minimizing fogging
- Excellent peripheral vision
- Dielectric

The Predator goggle (PD2) meets the ANSI/ISEA Z87.1 D4 designation for dust protection and ANSI/ISEA Z87.1 for high impact. The full foam venting helps to reduce heat buildup and assists in minimizing fogging. The PD2 goggle is available in standard anti-fog or MAX6™ superior anti-fog. The wide profile lens provides excellent peripheral vision.

The elastic strap with hook and loop, and five-point ratchet provide complete adjustability. The Predator goggle (PD2) is a favorite for the mining industry and any industry needing dust, impact and anti-fog protection.

### Predator (PD2)

PD1210AF	Elastic Strap, Clear Lens, Standard Anti-Fog Coating
PD1210PF	Elastic Strap, Clear Lens, MAX6 <sup>®</sup> Anti-Fog Coating
PD1212AF	Elastic Strap, Gray Lens, Standard Anti-Fog Coating
PD1212PF	Elastic Strap, Gray Lens, MAX6 <sup>®</sup> Anti-Fog Coating

**MAX 6**  
6X GREATER  
ANTI-FOG PROTECTION



# FACE SHIELDS AND ACCESSORIES

104PF



**MAX 6**  
6X GREATER  
ANTI-FOG PROTECTION

- MAX6™ Premium Anti-Fog Coating
- Headgear with integrated one piece molded PC face shield
- Ratchet action adjustment with terrycloth sweatband

MCR Safety's headgear and face shields offer superior protection from liquid splashes and flying debris that would otherwise be damaging to the face. From flying metal in machine shops and while welding, Face Shields are a must for metal fabrication workers.

## Other Bracket Options

101 Dielectric bracket

102 Aluminum rim attachment headgear bracket

103 Ratchet take-up headgear



**181541**  
Light Green

**181542**  
Dark Green

**181540**  
Clear (w/  
protective film)



**LCT Lens Cleaning Station,  
100 Towelettes**



**MCR Safety's featured eyewear styles offer a**

**MCR Safety's featured eyewear styles offer a multitude of lens options. Our user-friendly eyewear charts allow users to visually identify their favorite style and a specific lens.**

Glasses															
	Clear Uncoated	Clear	Clear Max 3	Clear AF	Clear Max 6	Clear KDRX	Indoor/Outdoor	Indoor/Outdoor AF	BossMan Indoor/Outdoor	Gray Uncoated	Gray	Gray Max 3	Gray AF	Gray Max 6	Brown
Dominator (DM3)					X				X			X		X	
ForceFlex (FF1)		X									X				
ForceFlex (FF2)		X									X				
ForceFlex (FF3)				X				X					X		
Rubicon (T4)				X									X		
Swagger (SR1)		X		X			X	X			X		X		
Klondike (KD1)		X		X			X	X			X		X		X
Klondike (KD2)		X					X				X				
Klondike (KD3)		X		X		X	X	X			X		X		
Klondike (KD5)		X		X							X		X		
Law (LW2)		X		X			X				X		X		
Law (LW3)				X									X		
BearKat (BK1)	X	X		X			X			X	X		X		
BearKat (BK2)		X		X					X		X				
BearKat (BK3)		X		X			X				X		X		
Checklite (CL1)	X	X		X			X			X	X		X		
Checklite (CL2)		X		X							X				
Checklite (CL3)								X					X		

# Goggles

[illegible]



# LIGHT, BLUE, AMBER, AND ORANGE MATRIX

# FILTERED LENS

Glasses	Light Blue	Light Blue AF	Light Blue Max 6	Amber	Amber AF	Amber Max 6	Orange
Dominator (DM3)					X		
ForceFlex (FF1)		X					
ForceFlex (FF2)		X					
ForceFlex (FF3)				X			
Rubicon (T4)				X			
Swagger (SR1)		X		X			X
Klondike (KD1)		X		X			X
Klondike (KD2)		X					X
Klondike (KD3)		X		X		X	X
Klondike (KD5)		X		X			
Law (LW2)		X		X			X
Law (LW3)				X			
BearKat (BK1)	X	X		X			X
BearKat (BK2)		X		X			
BearKat (BK3)		X		X			X
Checklite (CL1)	X	X		X			X

Glasses	Filter Gray 3.0	Filter Gray 5.0	Filter 2.0	Filter 3.0	Filter 5.0
Law (LW2)	X	X			X

# MIRRORED AND POLARIZED MATRIX

Glasses	Silver Mirror	Gray Polarized	Black Mirror	Black Mirror Max36	Black Mirror Polarized	Black Mirror Polarized Max36	Emerald Mirror	Blue Mirror	Blue Diamond Mirror	Blue Diamond Mirror Max36	Blue Diamond Polarized	Fire Mirror	Fire Mirror Max36	Fire Mirror Polarized
Dominator (DM3)			X	X	X	X			X	X	X	X	X	X
ForceFlex (FF1)	X								X					
ForceFlex (FF3)	X								X			X		
Rubicon (T4)							X					X		
Swagger (SR1)	X	X							X			X		
Klondike (KD1)	X													
Klondike (KD2)	X							X						
Law (LW2)	X							X						
BearKat (BK1)	X							X						
BearKat (BK3)	X							X						
Checklite (CL1)	X							X						

## OTHER STYLES

**THE ABOVE STYLES  
AREN'T THE ONLY  
EYEWEAR STYLES  
MCR SAFETY OFFERS.**

Click on the series to see all the  
frame, lens, and color options.

- [BD1 Series](#)
- [BL1 Series](#)
- [CK2 Series](#)
- [DL1 Series](#)
- [DS1 Series](#)
- [F21 Series](#)
- [HDX1 Series](#)
- [HK1 Series](#)
- [HK2 Series](#)
- [HK3 Series](#)
- [HL1 Series](#)
- [IA1 Series](#)
- [MO1 Series](#)
- [MODL Series](#)
- [PGX1 Series](#)
- [PN1 Series](#)
- [RP1 Series](#)
- [RP2 Series](#)
- [RP3 Series](#)
- [RT1 Series](#)
- [S21 Series](#)
- [S22 Series](#)
- [SH1 Series](#)
- [SS1 Series](#)
- [ST1 Series](#)
- [T1 Series](#)
- [TB1 Series](#)
- [TC1 Series](#)
- [TK1 Series](#)
- [UD1 Series](#)
- [UD2 Series](#)
- [UD3 Series](#)



RP3



UD212PF



UD3



DL112



BD1



# MCR SAFETY

We've had over 30+ years at keeping workers' eyes safe. We started out with less than 10 styles and now have 700+ eyewear styles, face shields, goggles, welding shades and accessories. We know from our years of experience that workers demand fresh styles and designs. We aim to please! Be sure to check out our [Eyewear Protection Page](#) for all the latest new designs and new technology.

Whatever your eyewear needs, MCR Safety has both the equipment to keep you safe and the knowledge to help you choose.

For more information about choosing eye protection, [get in touch](#).

