






Lens colours & functions

Unsure what type of protective eyewear is right for you? When you've figured out the potential hazards in your work environment and the level of eye protection needed, you can start thinking about other performance features like lens coating and the type of coloured safety glasses that can help enhance your safety and style.

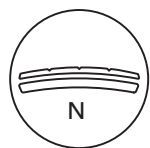
 <p>CLEAR Highest visual acuity and color recognition</p>	 <p>POLARIZED Reduces overall brightness, glare and reflected light</p>	 <p>VERMILLION Helps improve visual acuity and contrast</p>	 <p>GREY Reduces overall brightness of visible light</p>
 <p>BROWN Reduces overall brightness, typically allowing colour recognition</p>	 <p>LIGHT BROWN Provides extra comfort in artificial bright conditions</p>	 <p>INDOOR/OUTDOOR Slightly reduces overall brightness of visible light</p>	 <p>AMBER Increases contrast by filtering hazy and blue-colored light</p>
 <p>GREEN INFRARED FILTERS Reduces infrared radiation</p>	 <p>ORANGE Reduces blue light in specific applications, e.g., blue light curing</p>	 <p>MIRRORED Reflects light sources, helping reduce brightness</p>	

Lens coating options



3M™ Scotchgard™ Protector Anti-Fog/Anti-Scratch Coating

Resists fog 11x longer than traditional 3M anti-fog coatings, and remains effective for up to 25 washings with water*. Coating is tested to EN168 N & K for anti-fog and anti-scratch, and meets Anti-fog Performance (X) requirements of ANSI/ISEAZ87.1-2020.



3M™ Anti-Fog Plus Coating

Resists fog 11x longer than traditional 3M anti-fog coatings, and remains effective for up to 10 washings with water*. Coating is tested to EN168 N for anti-fog performance, and meets Anti-fog Performance (X) requirements of ANSI/ISEA Z87.1-2020.

3M™ Anti-Fog Coating

Coated lenses to help minimise lens fogging issues.

Practical coating performance table

Coating	European marking	Anti-scratch performance	Anti-fog performance
AS		++	-
AS+	K	+++	-
AS/AF		+	+
SGAF	KN	++	+++
AF			++
AF+	N		+++

Want to learn more about 3M Anti-Fog Coatings? Download infographic:



* Based on 3M internal testing of tap water wash cycles followed by anti-fog testing per EN168 test method.

Further resources

Discover our **complete range of Safety Eyewear and where to buy** in the online product catalogue.



Selecting the right safety eyewear just became easier. The **3M Safety Eyewear Product Advisor** helps you quickly identify options that match your work environment, hazards, and comfort needs-streamlining PPE selection.

