TECHNICAL DATA SHEET



AIRGEARPRO VISION-1000

MODEL NAME	V-1000
Description	Maximum face coverage, flexible frame and an adjustable secure-fit system
Optical Standard	Class 1
Standard	CE EN ISO 16321-1:2022, ANSI/ISEA Z87.1-2020

FEATURES

- Ergonomic Flexibility: The PVC frame is both lightweight and flexible, ensuring comfort during extended wear shifts
- Secure Fit System: Features a fully adjustable headband to ensure a customized and secure fit for all head sizes
- Advanced Fog Control: The indirect ventilation ports allow for constant air exchange, preventing heat buildup and lens fogging
- Comprehensive Seal: The wide-profile design provides a superior seal around the orbital area compared to standard safety glasses

DEFENSE & PERFORMANCE

- High-velocity mechanical impacts
- Hazardous liquid and chemical splashes
- Harmful ultraviolet radiation exposure through built-in filtering
- Debilitating sun glare in intense lighting conditions

TECHNICAL DATA

- **Frame Composition**: Lightweight and flexible PVC Frame
- **Lens Material**: High-impact Polycarbonate lens
- **Ventilation Technology**: Indirect ventilation system designed to reduce fogging while improving internal airflow
- **Optical Integrity**: Class 1 Certified for continuous daily use with minimal visual distortion
- **Product Mass**: One hundred and ten grams
- **Performance Coatings**: Professional-grade Anti-scratch and Anti-fog treatments
- **Protection Standards**: Certified to CE EN ISO 16321-1:2022 and ANSI/ISEA Z87.1-2020
- **Customization Options**: Available in Tinted Version.

TECHNICAL DATA SHEET









AIRGEARPRO ZENITH-X SAFETY GLASSES

MODEL NAME	F-3011
Description	maximum visibility, frameless architecture, superior industrial-grade protection
Optical Standard	Class 1
Standard	CE EN ISO 16321-1:2022, ANSI/ISEA Z87.1-2020

FEATURES

- **Zero-Gravity Comfort**: The lightweight construction ensures all-day wearability without pressure points or fatigue
- **Panoramic Vantage**: The frameless design removes visual obstructions, making it ideal for high-precision tasks
- **Crystal Clarity**: Advanced polycarbonate optics provide sharp, undistorted vision across the entire lens surface
- **Versatile Utility**: Suitable for a wide range of industrial applications due to its sleek, low-profile fit.

COMPREHENSIVE PROTECTION

- High-velocity mechanical impacts
- Accidental liquid and chemical splashes
- Harmful ultraviolet radiation
- Debilitating sun glare in outdoor environments

TECHNICAL DATA

- **Structural Design**: Frameless design for maximum visibility and a modern, low-profile look
- **Primary Material**: High-grade Polycarbonate lens
- **Optical Precision**: Class One – certified for continuous daily use with minimal distortion
- **Featherweight Build**: Twenty-four point five grams
- **Performance Coatings**: Dual-action Anti-scratch and Anti-fog treatments
- **Radiation Defense**: Built-in UV radiation filtering
- **Standard Compliance**: CE EN ISO 16321-1:2022 and ANSI/ISEA Z87.1-2020
- **Available Personalization**: Multiple lens shade options - (Clear , Smoke , Green , Yellow)

TECHNICAL DATA SHEET









AIRGEARPRO OPTIC GUARD

MODEL NAME	F-3009 (OPTIC GUARD SERIES)
Description	a wide-profile, one-piece lens, full-wrap protection, unobstructed panoramic view
Optical Standard	Class 1
Standard	CE EN ISO 16321-1:2022, ANSI/ISEA Z87.1-2020

FEATURES

- **Universal OTG Fit**: Specially contoured to fit over most prescription glasses comfortably, eliminating the need for expensive prescription safety lenses
- **Panoramic Clarity**: The one-piece lens design ensures no central bridge obstruction, providing a wide field of view
- **Enhanced Comfort**: Lightweight construction (41g) designed for enhanced comfort during extended wear shifts
- **Ventilated Protection**: The integrated side shields feature built-in ventilation to promote airflow and further reduce fogging
- **Advanced Polycarbonate Durability**: Naturally shatter-proof material that maintains structural integrity under mechanical stress

DEFENSE & PERFORMANCE

- **High-Impact Hazards | Industrial Splashes**
- **Environmental Strain | Lateral Intrusion**

TECHNICAL DATA

- **Lens Architecture**: One-piece lens design for unobstructed panoramic vision
- **Lateral Protection**: Integrated 360° Side Shields with molded-in ventilation panels
- **Material**: High-impact Polycarbonate lens
- **Optical Class**: Class 1 (For continuous use with minimal distortion)
- **Product Weight**: 41 g
- **Protective Coatings**: Anti-scratch and Anti-fog
- **UV Protection**: Built-in UV radiation filtering
- **Certifications**: CE EN ISO 16321-1:2022 & ANSI/ISEA Z87.1-2020
- **Customizations**: Available in various lens shades (Clear, Yellow, Smoke, Green)

TECHNICAL DATA SHEET



AIRGEARPRO VANTAGE 360 SAFETY GLASSES

MODEL NAME	F-3001 (VANTAGE 360 SERIES)
Description	Wraparound architecture with integrated side shields,built for industrial durability
Optical Standard	Class 1
Standard	CE EN ISO 16321-1:2022, ANSI/ISEA Z87.1-2020

FEATURES

- **360° Integrated Shielding**: Unlike clip-on shields, these are molded directly into the frame. They cannot be lost, won't vibrate loose, and provide a seamless safety barrier
- **Panoramic Vantage Point**: The curved lens design provides a wide, unobstructed field of vision, crucial for situational awareness in busy work zones
- **Telescopic Comfort**: Temples can be extended or shortened to ensure the side shields sit flush against the face, regardless of head size
- **High-Impact Polycarbonate**: Naturally impact-resistant material that provides a "shatter-proof" barrier against industrial accidents
- **Industrial Coatings**: Equipped with professional-grade coatings to maintain visibility in humid environments and resist scratching

TECHNICAL DATA

- **Model Number**: F-3001 (Vantage 360 Series)
- **Frame Material**: High-impact Polyamide
- **Lens Material**: Polycarbonate
- **Lateral Protection**: Integrated 360° Side Shields (Molded-in)
- **Optical Class**: Class 1 (Zero-distortion for continuous wear)
- **Product Weight**: 35.5 g (Ultra-lightweight design)
- **Protective Coatings**: Dual-Action Anti-Fog & Diamond Anti-Scratch
- **UV Protection**: Built-in UV radiation filtering
- **Fit System**: Multi-point Telescopic Adjustable Temples
- **Safety Compliance**: CE EN ISO 16321-1:2022 & ANSI/ISEA Z87.1-2020

TECHNICAL DATA SHEET



AIRGEARPRO OMNI-SEAL SAFETY GLASSES

MODEL NAME	F-3011H (OMNI-SEAL SERIES)
Description	Lightweight glasses comfort with goggle-level dust protection.
Optical Standard	Class 1
Standard	CE EN ISO 16321-1:2022, ANSI/ISEA Z87.1-2020

FEATURES

- **Advanced Sealing**: The specialized inner foam creates a soft barrier that follows the contours of the face to block wind and dust
- **Fatigue-Free Design**: The lightweight construction allows for extended wear throughout full work shifts without causing user fatigue
- **Ergonomic Grip**: Soft rubber arms ensure the glasses remain secure during high-movement activities without creating uncomfortable pressure points
- **Multi-Environment Ready**: High-performance anti-fog coatings maintain clear vision even when transitioning between temperature extremes

TECHNICAL DATA

- **Core Protection Technology**: Inner foam lining for enhanced sealing and specialized dust protection
- **Lens Material**: High-impact Polycarbonate
- **Comfort Engineering:** Soft rubber temple arms for a pressure-free, comfortable fit
- **Optical Standard**: Class 1 – Certified for continuous use with minimal distortion
- **Product Mass**: 34.5 Grams
- **Performance Coatings**: Professional-grade Anti-scratch and Anti-fog treatments
- **Safety Certifications**: CE EN ISO 16321-1:2022 and ANSI/ISEA Z87.1-2020
- **UV Defense**: Built-in UV radiation filtering
- **Customization** : Available in Smoked Lens Comprehensive Defense Performance
- **The Omni-Seal is rigorously engineered To safeguard the wearer against**
- High-velocity mechanical impacts
- Airborne dust and fine particulate intrusion
- Accidental liquid and chemical splashes
- Harmful ultraviolet radiation
- Intense sun glare in outdoor work environments