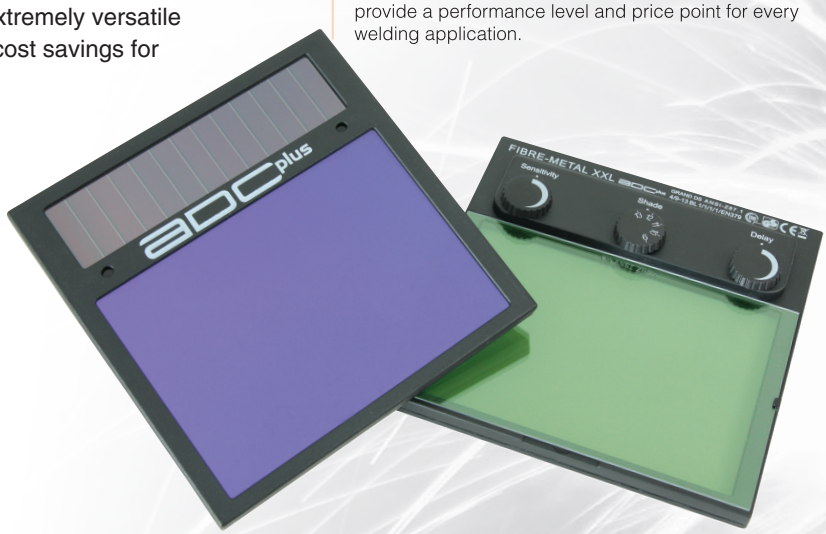
Wide View Tigerhood Futura® XXL with ADC Plus ADF Technology

For years, welders have relied on the quality and reliability of Fibre-Metal® welding helmets to help them make better welds at a lower cost and with fewer injuries. The Tigerhood Futura XXL continues the tradition of performance and innovation by combining advanced ADC Plus ADF technology with the Tigerhood Futura shell to provide serious welders with a higher level of performance in a wide view format.

Tigerhood Futura XXL with ADC Plus ADF Technology is our widest view ADF option, offering 40% greater viewing area to help welders see more clearly and work at awkward angles more easily. With proprietary Angular Dependency Compensation (ADC) technology and the highest optical quality rating, the Tigerhood Futura XXL ADF delivers uniform shading and distortion-free vision across the entire filter viewing area—even when working out of position. Available as a Selectable Shade 9-13 to meet the demands of most standard welding operations, the Tigerhood Futura XXL is extremely versatile and promises improved productivity, comfort and long term cost savings for serious welders.

AUTO DARKENING

From our 2 x 4 "drop-in" model through our XXL Selectable Shade ADC Plus model, the technologically advanced ADF's for our Tigerhood Futura helmets provide a performance level and price point for every welding application.



See the Difference Quality Makes!

FIBRE-METAL®

by Honeywell

Wide View Tigerhood Futura® XXL with ADC Plus ADF Technology

Tigerhood Futura Shell Out-Performs Other Thermoplastics

With an innovative, streamlined design combined with an exceptionally high performance material, the Tigerhood Futura shell is extremely lightweight for comfort, yet sturdy and durable for extended service life. It also accommodates spectacles and respirators while the classic 3-C free floating headgear balances and stabilizes helmet for maximum productivity. Other features include:

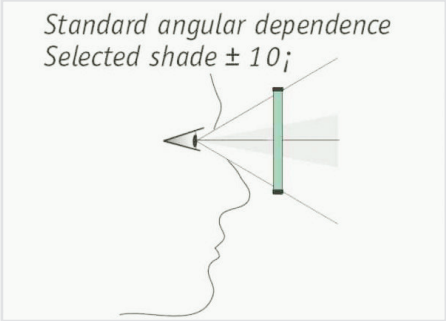
- Lightest full size welding helmet
- Greater heat resistance and dimensional stability at elevated temperatures
- Higher melting point and impact resistance
- Ultra-smooth finish sheds spatter better while reflective silver surface stays cool
- More chemical, scratch, and crack resistant
- Can be imprinted
- Extended service life means lower cost over time

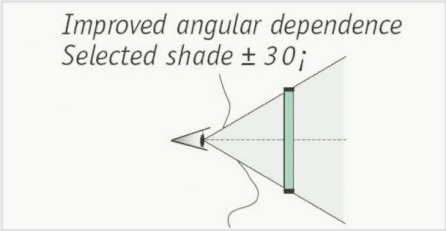
Put ADC Plus ADF Technology to Work

Fibre-Metal High Performance ADF helmets are engineered to provide exceptional performance across the whole spectrum of arc welding processes. Built-in ruggedness and advanced technology ensure that they work the first time and every time all shift long. A quality Fibre-Metal welding helmet will increase productivity with the added comfort of ADC Plus ADF technology. The new ADC Plus ADF allows the welder to work at many different angles without any shade variation in the viewing area, which decreases eye fatigue and allows the welder to perform better welds for a longer period of time. This improves quality, reduces downtime and rework, and lowers injury and workers compensation costs. Productivity gains from 30% to 50% are common.

XXL ADC Plus ADF (110x110)

- Viewing Area: 10.2 square inches (3.78” x 2.68”)
- Light State: Shade 4
- Dark State: Selectable Shades 9-13
- Fast, Reliable Switching Speed: .15ms at 73°F / 23°C
- User adjustable delay from dark to light (0.2 to 0.8 seconds)
- Temperature Range: 14°F to 140°F / -10°C to + 60°C
- Weight (ADF only): 5.64 oz / 160 g
- Sensors: 2
- Sensitivity and Delay Adjustment on Case
- Solar powered - no batteries to change
- Best optical quality in industry – 1/1/1/1 DIN Rating
- Highest quality wide view ADF available
- Suitable for all types of electro-arc welding, including covered electrodes, MIG/MAG, TIG/WIG, plasma welding and cutting. NOT FOR LASER AND GAS WELDING!
- Accommodates standard 4” x 5” front cover lens
- Adapts to standard magnifying lens
- Constant UV/IR protection
- Limited 2 year warranty





Optical Quality Makes the Difference

Optical quality is the most important performance characteristic of an ADF lens. A welder must be able to see clearly while welding to maximize weld quality and productivity. It is also crucial for welder comfort. Tigerhood Futura XXL ADC Plus ADF offers the highest optical quality available with a DIN rating of 1/1/1/1.

What is the DIN rating?

Used primarily in Europe, the DIN rating measures four very important categories of an ADF:

1.) Optical Quality
2.) Light Scattering
3.) Homogeneity
4.) Angular Dependency

Each category is graded on a scale of 1-3, 1 being the best and 3 being the lowest quality. The Tigerhood Futura XXL is the only wide view ADF available with a perfect 1/1/1/1 DIN rating!

Ordering Information

DESCRIPTION	PART NUMBER
Tigerhood Futura w/ XXL ADF and 3-C headgear	2090XXLBV913SR
Tigerhood Futura w/ XXL ADF and Quick-Lok® cups	42090XXLBV913SR
Tigerhood Futura w/ XXL ADF and Speedy® Loop	52090XXLBV913SR
Replacement XXL ADF	FMXXLBV913
Replacement Frame Assembly	2090C1
Internal Safety Plate (5/package)	FM2280XXL

FM.208

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Honeywell Safety Products

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1-888-212-7233 (CANADA)
1-514-905-3715 (Latin America)
www.fibre-metal.com

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