

CONFORMITIES/STANDARDS

EN12941, EN166, EN379

DESCRIPTION

• Experience Unmatched Protection and Convenience with the Defender Introducing our new Flip-Up Welding Helmet, designed for welders who demand the highest standards of safety, comfort, and functionality. This innovative helmet features a convenient flip-up design, allowing you to seamlessly switch between welding and inspection tasks without removing your helmet. Key Features: 1. Advanced Flip-Up Design Effortlessly transition between welding and grinding with the helmet's easy-to-use flip-up function, saving you time and increasing productivity. 2. Superior Protection Crafted from high-quality, durable materials, the Defender helmet provides exceptional protection against sparks, spatter, and harmful UV/IR radiation, ensuring your safety in even the toughest welding environments. 3. Enhanced Visibility The helmet is equipped with a large viewing area and auto-darkening filter (ADF) technology, delivering clear and precise vision with adjustable shade levels to suit various welding processes. 4. Maximum Comfort Designed with an adjustable headgear and lightweight construction, this helmet ensures a comfortable fit for prolonged use. The cushioned interior and ergonomic design reduce fatigue and enhance overall comfort. 5. Versatility Ideal for a wide range of welding applications including MIG, TIG, Stick, and plasma cutting. The helmet's flip-up mechanism allows for easy switching to grinding mode, making it a versatile tool for any workshop. 6. User-Friendly Controls Simple and intuitive controls allow for quick adjustments to the shade level, sensitivity, and delay settings, ensuring optimal performance tailored to your specific needs.



COLOUR AVAILABILITY

■ BLACK

SIZE AVAILABILITY

ONE SIZE - ONE SIZE

Specifications/Technical Data

DEFENDER HELMET	:
Viewng Area	100 x 60mm (3.94" x 2.36")
Cartridge Size	110 x 90 x 9mm (4.33" x 3.54" x 0.35")

## RP252 DEFENDER HELMET AF110L (110L 100X60 9-13) WITH DEFENDER PAPR KIT BAG COMPLETE (copy)

---

Arc Sensor	2
Light State	DIN 3
Shade Range	DIN 9-13
Shade Control	Low – High, LED and button control
Power On/Off	Automatic On / Off
Sensitivity Control	Low – High, LED and button control
Power Supply	Solar cell. Battery replaceable, 2 x CR2032 lithium battery
Switching Time	1 /16,000s. from Light to Dark
Low Amperage TIG Rated	≥ 2 amps (DC); ≥ 2 amps (AC)
Grinding	Yes (flip-up)
Low Battery Indicator	Yes
Dark Mode	Internal, LED and Button Control
Operating Temperature	-10°C to 55°C (14°F to 131°F)
Helmet Material	High Impact Resistance Nylon
Standards	CE, UKCA, ANSI Z87.1, CSA Z94.3, AS/NZS 1338.1, EAC
DEFENDER PAPR	:
Airflow Rate	165+lpm (5.8+cfm) Low speed: 170+lpm (6+cfm) High speed: 210+lpm (7.4+cfm)

**RP252    DEFENDER HELMET AF110L (110L 100X60 9-13) WITH  
DEFENDER PAPR KIT BAG COMPLETE (copy)**

---

Fast-charging Standard Battery	170+Ipm – 11-13 hours; 210+Ipm – 7-9 hours
Battery Charge Time	2.5 Hours
Battery Life	500 Charge Cycles
Filter	Filter efficiency: > 99. 997%
Alarms	Visible, audible and vibration
Standards	EN 12941 P R SL, AS/NZS 1716