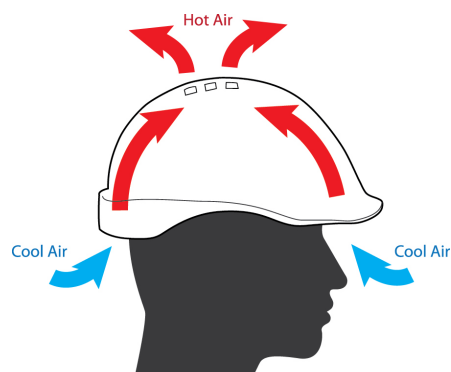


HEAD & FACE PROTECTION



- Technical Data Information
- Safety Helmet & Spare Parts
- Browguard and Faceshield
- Welding Helmet

Safety Helmet This is the single most effective way of reducing head injuries, a risk of being struck on the head. Helmets designed to handle impact energy generally contain an inner lining designed to absorb impact. There may be additional benefits such as protection at extremes of temperature or electrical resistance etc. All this additional information will be marked on the helmet.



Features & Benefits

Shell

Ergonomically shaped lightweight shell that can be manufactured in several colours as standard.

Materials :

Shell : ABS or HDPE depending on model

Harness : Low Density Polyethylene (LDPE) & High Tensile Nylon Tape

Ventilation

Ventilation aids airflow and helps regulate the temperature within the helmet making it more comfortable to wear.

Badging

Facilitates the application of company logo if required.

Peak

Short peak gives superior upward vision.

Chin Strap

A strap which fits under the chin to help secure the helmet on the head. Made of elastic or nylon.

Range of Accessories (Slots)

All Pangolin helmets can be fitted with additional PPE, such as ear defenders or faceshields, giving additional functionality.

Simple Head Band Adjustment

All Pangolin helmets can be quickly and easily fitted to the head using the adjustable head band fastening. Two variations of adjustment are available

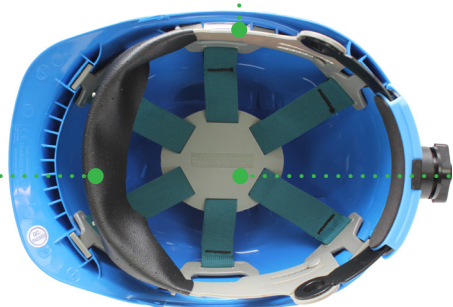
1. Pin lock
2. Ratchet

Comfort Band (Sweatband)

Fitted as standard, this accessory covers the inner front surface of the headband to improve wearer comfort.

Helmet Suspension

A secure 6-point taped suspension harness ensures an optimum fit and gives excellent comfort and support even if used for extended periods.



HLMT9002-S2BU







Safety Helmet

Page 17

HLMT4092ZZ

Suspension Ratchet

Page 20

Standard	Types	Shock Absorption	Resistance to Penetration
EN 397 	<p>This is the European standard which specifies the performance requirements, method of test and marking requirements for industrial safety helmets for general use in industry.</p> <p>Industrial grade safety helmets Option:</p> <ul style="list-style-type: none"> • -20 °C & -30 °C Low Temp • +150 °C Very High Temp • 440 Vac Electrical Insulation • F Flame Resistance • LD Lateral Deformation • MM Molten Metal 	5 kg. @ 1 m.	3 kg. @ 1 m.
TIS 368-2554 	<p>Type I Hard Hats are intended to reduce the force of impact resulting from a blow only to the top of the head.</p> <p>Type II Hard Hats are intended to reduce the force of lateral impact resulting from a blow which may be received off-center, from the side, or to the top of the head.</p> <p>Class E (Electrical) are designed to reduce exposure to high voltage conductors, and offer dielectric protection up to 20,000 volts (phase to ground).</p> <p>Class G (General) are designed to reduce exposure to low voltage conductors, and offer dielectric protection up to 2,200 volts (phase to ground).</p> <p>Class C (Conductive) only protects the wearer from impact.</p>	3.54-3.64 kg. @ 1.524 m.	0.45 kg. @ 3.05 m.
ANSI Z89.1 	<p>Type I Hard Hats are intended to reduce the force of impact resulting from a blow only to the top of the head. This form of impact may result from a hammer or nail gun falling from above.</p> <p>Type II Hard Hats are intended to reduce the force of lateral impact resulting from a blow which may be received off-center, from the side, or to the top of the head. This form of impact may result from contact with the sharp corner of a side beam.</p> <p>Class E (Electrical) offer dielectric protection up to 20,000 volts (phase to ground).</p> <p>Class G (General) offer dielectric protection up to 2,200 volts (phase to ground).</p> <p>Class C (Conductive) They are not intended to provide protection against contact with electrical conductors.</p>	5 kg. @ 1.54 m.	1 kg. @ 2.5 m.
AS/NZS 1801 	<p>Type 1 General Industrial</p> <p>Type 2 High Temperature</p> <p>Type 3 Bushfire Fighting</p>	5 kg. @ 1.02 m.	5 kg. @ 1 m.
EN 812 	Industrial grade bump caps		

Helmet Care & Maintenance

- Before use ensure it is in good condition or a serviceable state without any defects. All components, shells, harnesses and accessories should be checked for signs of dents, cracks, penetration, brittleness of deterioration which may reduce the strength and efficiency of the safety helmet.
- If a helmet is used with other PPE items such as earmuffs or face shields, they must be compatible and fit correctly.
- Ensure the chin strap is fastened and adjusted correctly while working.
- Adjust the headband and chinstrap accordingly.
- Always wear the helmet when exposed to falling hazards and when advised to do so.
- Safety helmets should not be stored in direct sunlight or exposed to excessive heat. Use of cleaning solvents may deteriorate the shell.

- General cleaning method using soapy water and a soft cloth is acceptable.
- The sweatband should also be cleaned regularly or replaced where necessary.

Shelf Life

- There is no obsolescence of a safety helmet but it is generally accepted that they should be replaced, if used on a regular basis and maintained correctly, every 2 years.
- If a helmet is issued that is over 5 years old then it should not be used. The manufacturing date is indicated on the underside of the helmet shell.
- Helmet components, such as comfort bands or harnesses etc. should be replaced every 1-2 years.

Faceshield



A Faceshield provide high protection from various risks at work. Dependent on visor fitted, a face shield offers protection against impact, heat, radiation and molten metal or chemical splash.

Features & Benefits

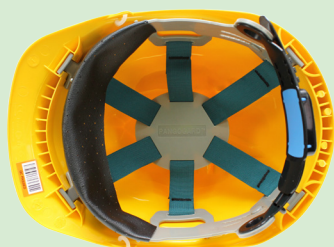
- Curved to protect the face. Can be clear or shaded polycarbonate or acetate material dependent on level of protection required.
- Protects against molten metal or chemical splash (One time use)
- Light weight
- Maintain the visor correctly and if scratched or damaged replace immediately.
- Easy to clean

Head and Face Protection



Pangogard Safety Helmet Specification

- Robust ABS (Acrylonitrile Butadiene Styrene) helmet shell offers a high level of protection and durability, shock absorption, impact resistance along with heat and UV resistance.
- A full range of accessories, such as visors and clip-on ear defenders, are available.
- A superior 6 point taped harness with either unique pinlock or ratchet adjustment offers exceptional comfort and protection.
- Replaceable PVC comfort band
- New style peak: shorter brim for a wider field of upward vision.
- The 9000 series supplied with ventilation for added comfort.



Pin-Lock Suspension
Easily fitted to the head.



Ratchet Suspension
Quickly and easily adjusted.



2 Point Elasticated Chinstrap
for comfortable fit.



4 Point Nylon Chinstrap
to further enhance a secure and comfortable fit.

9000S



TIS.368-2554



EN 397:2012 + A1:2012



Pin-Lock



Ratchet

Vented Safety Helmet With New! Pin-Lock Suspension

Code	Description	Color	UOM	Package
2 point Elasticated Chinstrap				
HLMT9001-S2BU	Helmet 2 point #9001S Pinlock PANGOGARD	Blue	1 piece	6 pieces/box
HLMT9001-S2GR	Helmet 2 point #9001S Pinlock PANGOGARD	Green	1 piece	6 pieces/box
HLMT9001-S2OR	Helmet 2 point #9001S Pinlock PANGOGARD	Orange	1 piece	6 pieces/box
HLMT9001-S2RD	Helmet 2 point #9001S Pinlock PANGOGARD	Red	1 piece	6 pieces/box
HLMT9001-S2WH	Helmet 2 point #9001S Pinlock PANGOGARD	White	1 piece	6 pieces/box
HLMT9001-S2YL	Helmet 2 point #9001S Pinlock PANGOGARD	Yellow	1 piece	6 pieces/box
4 point Nylon Chinstrap				
HLMT9001-S4BU	Helmet 4 point #9001S Pinlock PANGOGARD	Blue	1 piece	6 pieces/box
HLMT9001-S4GR	Helmet 4 point #9001S Pinlock PANGOGARD	Green	1 piece	6 pieces/box
HLMT9001-S4OR	Helmet 4 point #9001S Pinlock PANGOGARD	Orange	1 piece	6 pieces/box
HLMT9001-S4RD	Helmet 4 point #9001S Pinlock PANGOGARD	Red	1 piece	6 pieces/box
HLMT9001-S4WH	Helmet 4 point #9001S Pinlock PANGOGARD	White	1 piece	6 pieces/box
HLMT9001-S4YL	Helmet 4 point #9001S Pinlock PANGOGARD	Yellow	1 piece	6 pieces/box

Vented Safety Helmet With New! Ratchet Suspension

Code	Description	Color	UOM	Package
2 point Elasticated Chinstrap				
HLMT9002-S2BU	Helmet 2 point #9002S Ratchet PANGOGARD	Blue	1 piece	6 pieces/box
HLMT9002-S2GR	Helmet 2 point #9002S Ratchet PANGOGARD	Green	1 piece	6 pieces/box
HLMT9002-S2OR	Helmet 2 point #9002S Ratchet PANGOGARD	Orange	1 piece	6 pieces/box
HLMT9002-S2RD	Helmet 2 point #9002S Ratchet PANGOGARD	Red	1 piece	6 pieces/box
HLMT9002-S2WH	Helmet 2 point #9002S Ratchet PANGOGARD *	White	1 piece	6 pieces/box
HLMT9002-S2YL	Helmet 2 point #9002S Ratchet PANGOGARD	Yellow	1 piece	6 pieces/box
4 point Nylon Chinstrap				
HLMT9002-S4BU	Helmet 4 point #9002S Ratchet PANGOGARD	Blue	1 piece	6 pieces/box
HLMT9002-S4GR	Helmet 4 point #9002S Ratchet PANGOGARD	Green	1 piece	6 pieces/box
HLMT9002-S4OR	Helmet 4 point #9002S Ratchet PANGOGARD	Orange	1 piece	6 pieces/box
HLMT9002-S4RD	Helmet 4 point #9002S Ratchet PANGOGARD	Red	1 piece	6 pieces/box
HLMT9002-S4WH	Helmet 4 point #9002S Ratchet PANGOGARD *	White	1 piece	6 pieces/box
HLMT9002-S4YL	Helmet 4 point #9002S Ratchet PANGOGARD	Yellow	1 piece	6 pieces/box

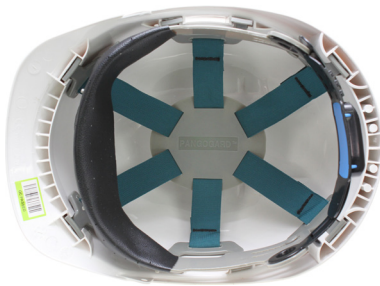
8000S



TIS.368-2554



EN 397:2012 + A1:2012



Pin-Lock

Safety Helmet With New! Pin-Lock Suspension

Code	Description	Color	UOM	Package
2 point Elasticated Chinstrap				
HLMT8001-S2BU	Helmet 2 point #8001S Pinlock PANGOGARD	Blue	1 piece	6 pieces/box
HLMT8001-S2GR	Helmet 2 point #8001S Pinlock PANGOGARD	Green	1 piece	6 pieces/box
HLMT8001-S2OR	Helmet 2 point #8001S Pinlock PANGOGARD	Orange	1 piece	6 pieces/box
HLMT8001-S2WH	Helmet 2 point #8001S Pinlock PANGOGARD *	White	1 piece	6 pieces/box
HLMT8001-S2YL	Helmet 2 point #8001S Pinlock PANGOGARD :	Yellow	1 piece	6 pieces/box
4 point Nylon Chinstrap				
HLMT8001-S4BU	Helmet 4 point #8001S Pinlock PANGOGARD	Blue	1 piece	6 pieces/box
HLMT8001-S4GR	Helmet 4 point #8001S Pinlock PANGOGARD	Green	1 piece	6 pieces/box
HLMT8001-S4OR	Helmet 4 point #8001S Pinlock PANGOGARD	Orange	1 piece	6 pieces/box
HLMT8001-S4WH	Helmet 4 point #8001S Pinlock PANGOGARD	White	1 piece	6 pieces/box
HLMT8001-S4YL	Helmet 4 point #8001S Pinlock PANGOGARD	Yellow	1 piece	6 pieces/box



Ratchet

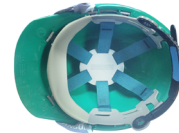
Safety Helmet With New! Ratchet Suspension

Code	Description	Color	UOM	Package
2 point Elasticated Chinstrap				
HLMT8002-S2BU	Helmet 2 point #8002S Ratchet PANGOGARD	Blue	1 piece	6 pieces/box
HLMT8002-S2GR	Helmet 2 point #8002S Ratchet PANGOGARD	Green	1 piece	6 pieces/box
HLMT8002-S2OR	Helmet 2 point #8002S Ratchet PANGOGARD	Orange	1 piece	6 pieces/box
HLMT8002-S2WH	Helmet 2 point #8002S Ratchet PANGOGARD *	White	1 piece	6 pieces/box
HLMT8001-S2YL	Helmet 2 point #8002S Ratchet PANGOGARD :	Yellow	1 piece	6 pieces/box
4 point Nylon Chinstrap				
HLMT8002-S4BU	Helmet 4 point #8002S Ratchet PANGOGARD	Blue	1 piece	6 pieces/box
HLMT8002-S4GR	Helmet 4 point #8002S Ratchet PANGOGARD	Green	1 piece	6 pieces/box
HLMT8002-S4OR	Helmet 4 point #8002S Ratchet PANGOGARD	Orange	1 piece	6 pieces/box
HLMT8002-S4WH	Helmet 4 point #8002S Ratchet PANGOGARD	White	1 piece	6 pieces/box
HLMT8002-S4YL	Helmet 4 point #8002S Ratchet PANGOGARD	Yellow	1 piece	6 pieces/box

8090S



New Suspension



TIS.368-2554



EN 397:2012 + A1:2012



Pin-Lock

Safety Helmet With New! Pin-Lock Suspension

Code	Description	Color	UOM	Package
2 point Elasticated Chinstrap				
HLMT8091-S2BU	Helmet 2 point #8091S Pinlock PANGOGARD *	Blue	1 piece	6 pieces/box
HLMT8091-S2GR	Helmet 2 point #8091S Pinlock PANGOGARD :	Green	1 piece	6 pieces/box
HLMT8091-S2OR	Helmet 2 point #8091S Pinlock PANGOGARD :	Orange	1 piece	6 pieces/box
HLMT8091-S2WH	Helmet 2 point #9001S Pinlock PANGOGARD +	White	1 piece	6 pieces/box
HLMT8001-S2YL	Helmet 2 point #8091S Pinlock PANGOGARD *	Yellow	1 piece	6 pieces/box
4 point Nylon Chinstrap				
HLMT8091-S4BU	Helmet 4 point #8091S Pinlock PANGOGARD	Blue	1 piece	6 pieces/box
HLMT8091-S4GR	Helmet 4 point #8091S Pinlock PANGOGARD	Green	1 piece	6 pieces/box
HLMT8091-S4OR	Helmet 4 point #8091S Pinlock PANGOGARD	Orange	1 piece	6 pieces/box
HLMT8091-S4WH	Helmet 4 point #8091S Pinlock PANGOGARD :	White	1 piece	6 pieces/box
HLMT8091-S4YL	Helmet 4 point #8091S Pinlock PANGOGARD	Yellow	1 piece	6 pieces/box



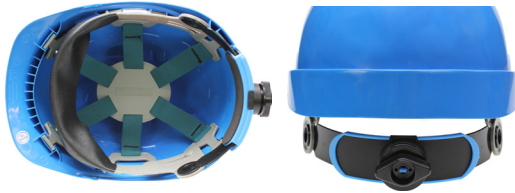
Ratchet

Safety Helmet With New! Ratchet Suspension

Code	Description	Color	UOM	Package
2 point Elasticated Chinstrap				
HLMT8092-S2BU	Helmet 2 point #8092 Ratchet PANGOGARD :	Blue	1 piece	6 pieces/box
HLMT8092-S2GR	Helmet 2 point #8092 Ratchet PANGOGARD	Green	1 piece	6 pieces/box
HLMT8092-S2OR	Helmet 2 point #8092 Ratchet PANGOGARD :	Orange	1 piece	6 pieces/box
HLMT8092-S2WH	Helmet 2 point #8092 Ratchet PANGOGARD +	White	1 piece	6 pieces/box
HLMT8092-S2YL	Helmet 2 point #8092 Ratchet PANGOGARD *	Yellow	1 piece	6 pieces/box
4 point Nylon Chinstrap				
HLMT8092-S4BU	Helmet 4 point #8092 Ratchet PANGOGARD :	Blue	1 piece	6 pieces/box
HLMT8092-S4GR	Helmet 4 point #8092 Ratchet PANGOGARD	Green	1 piece	6 pieces/box
HLMT8092-S4OR	Helmet 4 point #8092 Ratchet PANGOGARD	Orange	1 piece	6 pieces/box
HLMT8092-S4WH	Helmet 4 point #8092 Ratchet PANGOGARD *	White	1 piece	6 pieces/box
HLMT8092-S4YL	Helmet 4 point #8092 Ratchet PANGOGARD	Yellow	1 piece	6 pieces/box

Spare Parts

Pangogard **Ratchet** Suspension



HLMT4092ZZ

- Made from Nylon
- Superior 6 point taped harness with either unique pinlock or ratchet adjustment offers exceptional comfort and protection
- Easy to adjust
- Replaceable PVC comfort band

Pangogard **Pin-Lock** Suspension



HLMT4091ZZ

Code	Description	Color	UOM	Package
HLMT4091ZZ	Pinlock PANGOGARD ,8001-S , 9001-S:	Black/Blue	1 piece	1 piece
HLMT4092ZZ	Ratchet PANGOGARD , 8002-S , 9002-S*	Black/Blue	1 piece	1 piece
HLMT4091MZ	Pinlock PANGOGARD ,8091-S+	Black/Blue	1 piece	1 piece
HLMT4092MZ	Ratchet PANGOGARD , 8092-S*	Black/Blue	1 piece	1 piece



Pangolin **Elastic** ChinStrap

- High quality elasticated strap, easy to adjust for added security.
- Compatible with all helmet models

Code	Description	Size	Color	UOM	Package
HLMT4057ZZ	Elastic 2 point +	W2cm x 37 cm	Grey	1 piece	1 piece



ChinStrap With Chin Cup

- Nylon strap comfort
- Fully adjustable and easy to fit
- Rubber pad for additional chin support

Code	Description	Size	Color	UOM	Package
HLMT0021GR	Chin Strap +	W1.8 cm x 45 cm	Green	1 piece	1 piece



Pangolin **4 Point** Nylon Chinstrap

- Nylon strap comfort
- 4 point chin strap for added security
- Easy to adjust
- Compatible with all helmet models

Code	Description	Size	Color	UOM	Package
HLMT4059ZZ	Nylon Chin Strap	W1.5 cm x 43 cm	Grey	1 piece	1 piece



Bump Cap



- Manufactured from PE (Polyethylene), light weight and comfortable
- Ventilation on both sides
- Suitable to use in a confined workplace
- Pin-lock type suspension

Code	Description	Color	UOM	Package
HLMT0002BU	Bump Cap +	Blue	1 piece	1 piece
HLMT0002GR	Bump Cap	Green	1 piece	1 piece
HLMT0002OR	Bump Cap	Orange	1 piece	1 piece
HLMT0002WH	Bump Cap +	White	1 piece	1 piece
HLMT0002YL	Bump Cap +	Yellow	1 piece	1 piece

Disposable Spunbond Cap for Industry



- Manufactured from Non-Woven spunbound polypropylene.
- Protects against dust and/or product protection
- For use in food processing, hospitals, clean room, electronics and general industry.

Code	Description	Color	UOM	Package
HLMT0010BU	Disposable Cap +	Blue	1 pack	100 pieces/pack
HLMT0010WH	Disposable Cap +	White	1 pack	100 pieces/pack

Welding Split Leather Hood



- Manufactured from split leather, heat resistant and fully lined.
- Protects against welding spatter
- 18" length ensures coverage of shoulders.

Code	Description	Size	UOM	Package
HLMT0012ZZ	Leather Hood	L 18 in.	1 piece	1 piece

Headgear and Faceshield



Browguard

EN 166-B, ANSI

- Browguard and visor lightweight and easy to fit
- Compatible with a range of visors. **Simple ratchet adjustment.**
- Flip up mechanism allows the visor to be set in several positions.
- Compatible with visor models HLMT0028 or HLMT0030

Code	Description	Color	UOM	Package
HLMT0037YL	Browguard #B1YL+	Yellow	1 set	1 set

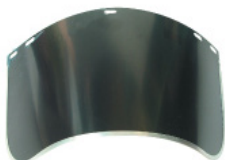


Aluminium Headgear

CE, ANSI

- Aluminium headgear compatible with Pangogard safety helmets.
- Adjustable to fit helmet brim.
- Three position locking mechanism
- Compatible with visor models HLMT0028 or HLMT0030

Code	Description	Color	UOM	Package
HLMT0038YL	Aluminium Headgear #A3+	Black	1 Piece	1 Piece



Faceshield Gas Welding Visor

CE, ANSI Z87+

- Manufactured from Polycarbonate c/w UV/IR inhibitors
- Can be used in most gas welding or brazing operations.
- Wrap around & adjustable aluminum edging
- **Abrasion resistant coating** for extended life.
- Compatible with Browguard models HLMT0037 or HLMT0038
- **Shade 5 UV/IR filter.**

Code	Description	Size	Color	UOM	Package
HLMT0028ZZ	Faceshield #FC48G5+	8in x 15.5in.	Black	1 Piece	1 Piece



Clear Visor

CE, ANSI Z87+

- Manufactured from **Clear Polycarbonate** sheet offering protection against impact. Thickness 1 mm
- Also offers protection against impact chemical and/or molten metal splash
- Wraparound & adjustable aluminum edging
- **Abrasion resistant coating** for extended life
- Compatible with Browguard models HLMT0037 or HLMT0038

Code	Description	Size	Color	UOM	Package
HLMT0030ZZ	Clear Visor #FC48+	8in x 15.5in.	Clear	1 Piece	1 Piece

Auto-Darkening Welding Helmet (Speedglas)



EN 379 Class 1/2/2/3
EN 166 Class FT
EN 166 Class S
EN 175 Class F
ANSI Z87.1-2010

Welding Helmet 3M 10V



EN 379, EN 166
EN 175 Level B, EN 169
ANSI Z87.1-2003

Welding Helmet Speedglas 3M 100V



EN 379, EN 175 Level B
ANSI Z87.1-2003

Welding Helmet Speedglas 3M 9100XX

SHADE	• 10 - 12				• 8 - 12				• 5, 8, 9 - 13			
	• Light state : shade 3											
Viewing Area	• 44 x 93 mm.								• 73 x 107 mm.			
Switching time, light-dark (approx.)	• 0.1ms @ 73 °F (23 °C)											
	• 2 Level				• 3 Level				• 5 level			
Switching time, dark-light	• 40 -250 ms				• 100-250 ms				• 40-1,300 ms			
	-								• 7 level			
Material	• Polypropylene (impact & moisture resistance)				• Polyamide (impact & moisture + heat resistance)							
Ventilation	-								• Designed to divert fumes			
Weight	• 390 g				• 440 g				• 545 g			
Battery	• 1,500 hours								• 2,000 hours			
Indicator	-				• Yes (indicates low battery)							
Auto shut down	-				• Yes (After 60 sec.)							
Battery lifetime (approx.)	• 12 months				• 24 months							
Suitable for	• Welding GMAW,MIG/MAG, GTAW,TIG (Electric current 10 A) and Plasma Welding								• Welding GMAW,MIG/MAG,GTAW& Plasma Welding			
	Code	Description	Color	UOM	Code	Description	Color	UOM	Code	Description	Color	UOM
	3M-101101	Welding Helmet #3M-101101 10V	Black	1 Piece	3M-751120	Welding Helmet #3M-751120 100V	Grey	1 Piece	3M-5018250	Welding Helmet #501825 3M9100	Black	1 Piece