



EYE AND HEAD PROTECTION



**THORNE &
DERRICK
INTERNATIONAL**

Thorne & Derrick

+44 (0) 191 410 4292

www.powerandcables.com

ARC FLASH SHIELD WITH HEAD BAND

Protective face shield to be used without a helmet.

Polycarbonate face shield.

- Arc protection class against short-circuit electric arcs.
- Head fit adjustment by milled wheel.
- Anti-scratch and anti-fogging treatments.

CAUTION: DO NOT USE FOR WELDING OPERATIONS.

EN 166 / EN 170

IEC 61482-1-2  / GS-ET29 / ANSI Z87.1

Normative marking : 2C-1.2 CATU 1B8-1-03CE 1883



Reference	Characteristics	 (mm)	
		Dimensions	Weight
MO-286	Clear face shield	L 230 x H 290	400
M-883209	Replacement face shield		
M-883298	Sweatband		



MO-286

BENEFITS

- Insulating up to 1000 V.
- Arc Flash APC 1 (Box test)

FACE SHIELDS

Protection against short-circuit electric arcs. Face shield adjustable on MO-182 helmet.

CAUTION: DO NOT USE FOR WELDING OPERATIONS.

EN 166 / EN 170

IEC 61482-1-2  / GS-ET29 / ANSI Z87.1

Normative marking :

FRAME: CATU 166 8 B CE 1883

SCREEN: 2C-1.2 CATU 1B8-1-03CE 1883



Reference	Fitting	 (mm)	
		Dimensions	Weight
MO-284	Rubber headband	L 200 x H 470	170
MO-284-C	Side clips	L 200 x H 470	170

Accessories

Reference	Characteristics
M-883210	Replacement face shield for MO-284
M-883295	Spare hardware kit (Screen milled wheel adjustment)

BENEFITS

- Fit with most type of helmet (MO-284).
- Arc Flash APC 1 (Box test).
- Insulating up to 1000 V.



MO-284



MO-284-C





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HEAD PROTECTION



INSULATED SAFETY HELMETS

Safety industrial helmet. Standard sizes 53 to 62.
Trim along the inside for added comfort.
Multiple adjustments for a perfect fit headband.

Reference	Color	 g
		Weight
MO-182/1-B	WHITE 	300
MO-182/1-R	RED 	300
MO-182/1-J	YELLOW 	300

BENEFITS

- Deformable shock-resistant ABS helmet with "gutter" brim.
- Side slots for mounting hearing protection.
- 4 points textile head base. Safety chin strap.



MO-182/1-B



MO-182/1-R



MO-182/1-J

EN 397
EN 50365 
ANSI Z89.1
CE



ACCESSORIES FOR MO-182/1

Reference	Description
M-881836	Headband
MO-155	Noise canceling earmuffs



MO-155

ELECTRICIAN HELMETS FOR WORK AT HEIGHT

Protects against vertical and side impacts. High comfort.

Reference	Color	 g
		Weight
MO-183-BL	WHITE 	455
MO-183-RL	RED 	455

BENEFITS

- Deformable shock-resistant helmet in polycarbonate.
- Head fit adjustment by milled wheel from 53 to 63 cm.
- Chinstrap with an easy adjustment buckle. Design to tear off if hooked. (> 25 daN).
- 6-points textile head base.



MO-183-BL



MO-183-RL

CATU™



HEAD PROTECTION



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ELECTRICIAN HELMETS WITH INTEGRATED FACE SHIELD

Industrial helmet with integrated face shield. Approved for protecting against the thermal energy of an electric arc = (APC1/box test).

EN 166 / EN 170

EN 397

EN 50365 

IEC 61482-1-2  / GS-ET29 / ANSI Z89.1



Reference	Color	Anti UV
MO-185-BL	WHITE 	2-1.2
MO-185-R	RED 	2-1.2
MO-185-J	YELLOW 	2-1.2
MO-185-B	BLUE 	2-1.2
MO-185-BLM	WHITE  + Chinstrap with a chincup	2-1.2

BENEFITS

- Head fit adjustment by milled wheel from 52 to 66 cm.
- Height position adjustment.
- Panoramic face shield in anti-scratch and anti-fogging polycarbonate. Fully retractable.
- Chinstrap (with Velcro® fastening).



MO-185-BL



MO-185-R



MO-185-J



MO-185-B

Add your logo on
your helmet to
create a unique
product for your
company.



NEW



ARC FLASH
HELMET
PAGE 37



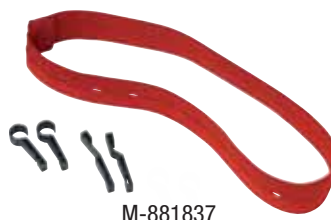
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HEAD PROTECTION

ACCESSORIES FOR MO-185-...

Reference	Characteristics
M-882677	Spare face shield for MO-185
M-881836	Spare frontal padded band for MO-185
M-882671	Spare padded headband and chinstrap for MO-185
M-881837	Red headband
M-881838	White/red velcro for identification
M-87384	Black fabric bag for transporting and protecting helmets and shields. Convenient for MO-185, MO-180, MO-182, MO-183, MO-284, and MO-286.
MO-883208	Arc Flash side protection



M-881837



M-881838



M-87384



MO-883208



HEADLAMP FOR HELMET

Headlamp for helmets MO-185, MO-180-ARC and MO-182/1.
Compatible with the majority of helmets on the market.

Reference	Amount of LEDs	Ingress protection level	
			Weight
MS-124/2	5	IP X 4	86

BENEFITS

- Autonomy at full power: 100 h.
- Light distance at full power: 35 m.
- Maximum light output: 70 lumens/35 m.
- Textile headband for use as a usual headlamp.
- Supplied with universal adhesive support for helmet.
- Orientable.

EN 60825-1 / EN 60529

RoHS 2002 / 95/EC

REACH





HEAD PROTECTION

ATEX LED HEADLAMP FOR HELMETS

Can be worn either on the head or on different helmet models:

ATEX compliant :

European Category 1 Certificate (Zone 0)

II 1 G Ex ia IIC T4 Ga.

- Long lighting duration : 47 h (low intensity), 19 h (strong intensity),
- Material: ABS – high impact resistance,
- Range: 19 to 28 m,
- Light output: strong mode 30 lm, low mode 14 lm.

Reference	Amount of LEDs	Feature	
			Weight
MS-126	3	ATEX	90

BENEFITS

- Adjustable head.
- Headband: choice of standard fabric or rubber for a firm fit of the lamp on helmets.
- 3 white LEDs.

 II 1 G Ex ia IIC T4 Ga.

CE



HEARING PROTECTION

Reusable earplugs.

Reference	Tie	SNR	
			Set
MO-151	With cord	30 dB	5
MO-151/100	With cord	30 dB	100
MO-152	With hoop	24 dB	1



MO-151



MO-152



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PPE - CPE / Head protection