

STYLE 300 – SAFETY HELMET



DESCRIPTION

The Protector Style 300 range of safety helmets offer impact protection against a wide range of falling hazards. Stability on the head, long duration comfort and ease of connecting additional face and hearing protection are the hallmarks of all Protector Helmet designs. The Style 300 features an especially lightweight HDPE shell, choice of headgear material, standard or ratchet adjustment and a modern, stylish appearance that promotes a positive company image.

APPLICATIONS

The Style 300 has been designed to meet the requirements of EN397 for shock absorption, resistance to penetration, ignition by flame and electrical insulation and is suitable for use in general industry and a wide range of applications that require head protection to be worn.

TECHNICAL SPECIFICATION

MATERIALS	
Shell	High Density Polyethylene (HDPE)
Head Cradle	Low Density Polyethylene (LDPE)
Attachment Segments	High Density Polyethylene (HDPE)
Webbing Straps	Terylene 25mm Polyester webbing (HC300EL, HC315EL) or Low Density Polyethylene (LDPE) (HC300SB, HC305)
Sweatband	80% Cotton, 20% Nylon mix, Polyurethane Ester Foam backing (Leather Option available)
Ratchet Housing & Wheel	Nylon
Accessory Slot Size	30mm
Weight	310g approx.
Size adjustment	50-66cm standard, 50-64cm ratchet
Head Gear Options	Terylene Standard (HC300EL), Terylene Ratchet (HC315EL), Polyethylene Standard (HC300SB), Polyethylene Ratchet (HC305)

APPROVALS

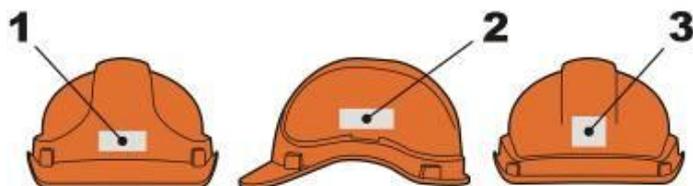
MODEL					EN 397 OPTIONAL APPROVALS					Chinstrap Points	Colour Options
	8 Point LDPE Standard	8 point LDPE Ratchet	8 Point Terylene Standard	8 point Terylene Ratchet	EN 397	- 30°C low temp	Molten Metal (MM)	Electrical Insulation (440 Vac) EN 397	Electrical Insulations (1000Vac/ 1500 Vdc) VDE Approved or EN 50365, Class 0		
HC300SB (Unvented)	✓				✓	✓	✓	✓	✓	2 Point	W Y B R G O H O
HC300VSB (Vented)	✓				✓	✓	-	-	✓	2 Point	W Y B R G O H Y G Y
HC305SB (unvented)		✓			✓	✓	✓	✓	✓	2 Point	W Y B R G O
HC305 VSB (Vented)		✓			✓	✓	-	-	✓	2 Point	W Y B R G O
HC300EL (Unvented)			✓		✓	✓	✓	✓	✓	2 Point	W Y B R G O
HC300VEL (Vented)			✓		✓	✓	-	-	✓	2 Point	W Y B R G O H Y H O G Y
HC315EL (Unvented)				✓	✓	✓	✓	✓	✓	2 Point	W Y B R
HC315 VEL (Vented)				✓	✓	✓	-	-	✓	2 Point	W Y B R G O

COLOUR OPTIONS

HC300 helmets are master batched and are unique colours. The closest RAL (Plastic Colour Guide) references are listed as a guide only.

								
WHITE	YELLOW	BLUE	RED	GREEN	ORANGE	HV ORANGE	HV YELLOW	GREY
RAL 9003	RAL 1028	RAL 5017	RAL 3000	RAL 6029	RAL 2008	RAL 3026	RAL 1026	RAL 7000

BRANDING POSITIONS

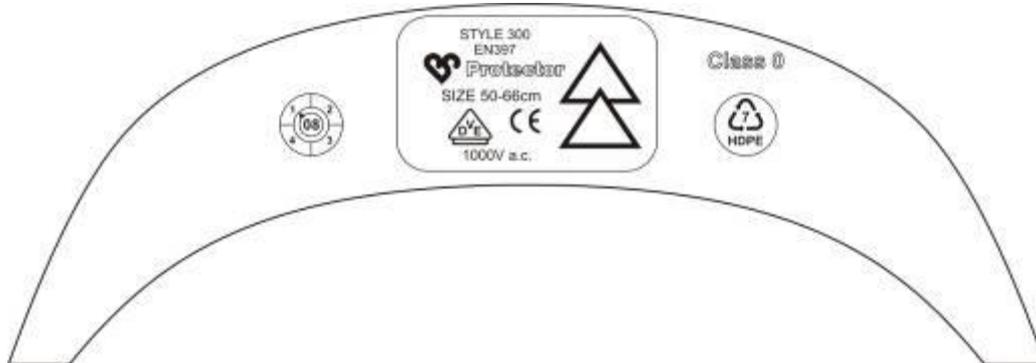


STYLE 300 (HC 300)		
	↔	↕
*1	70mm	30mm
*1	60mm	40mm
*2	70mm	25mm
*2	55mm	35mm
*3	55mm	35mm

* Denotes alternative print size options

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HELMET MARKINGS



 <p><u>Manufacturing Date</u></p> <p>EN397 stipulates display of year and quarter of manufacture. Q1 – Jan-Mar Q2 – Apr-Jun Q3 – Jul-Sep Q4 – Oct-Dec</p>	 <p><u>Material type</u></p> <p>The flowing arrows and '7' indicate a recycling capability and category for a group of polymers. HDPE indicates the material of the helmet High Density Polyethylene</p>	 <p>An additional label is placed in the rear of helmets to indicate approved optional parts of EN397, such as, -30°C. Date of issue is marked to enable the user to record and more accurately assess a helmet's lifetime.</p>
 <p><u>Electrical Insulation</u></p> <p>The twin triangle symbol together with 'Class 0' denotes EN50365 approval. Suitable for use by electricity workers up to 1000Vac /1500Vdc.</p>	 <p><u>Electrical Insulation</u> (1000Vac /1500Vdc)</p> <p>VDE is the symbol of a well recognised and trusted electrical certification body based in Germany.</p>	<p><u>CE Marking</u></p> <p>Mandatory conformity mark for the European Economic Area (EEA) – 0086 is the unique number of Scott Health & Safety's notified body (BSI) that audits its quality systems.</p>

MANUFACTURING ORIGIN

All components manufactured and sourced in the EU.

HELMET LIFETIME

Decisions in relation to a helmets lifetime and when to replace them should only ever take account of one consideration, personal safety. A helmets 'real' age can only be accurately assessed by the user, through careful monitoring and regular inspection. A helmets manufacturing age to a certain extent is almost irrelevant if left unused and stored in conditions deficient of light (temp conditions). In these circumstances a helmet does not have a short shelf life or sell by date, in fact its physical condition will not even begin to age for at least 3 years prior to manufacture.

The start of a helmets lifetime effectively is the date of first use. This should always be accurately recorded by the user on the label provided in the back of the helmet. Lifetime is reduced by a number of different factors, for example, impacts to the shell, UV intensity, chemical exposure, abrasion, high or low temperature extremes, molten metal splash and electrical arc. As a manufacturer, it is impossible to predict what combinations of these factors have on each individual safety helmet. There are too many unknown factors in where the helmet is used, for example, UV exposures differ by country, helmets come into contact with different chemicals in different applications and this is why we suggest a maximum in use lifetime of between 2 and 5 years from the date of first use.

The date clock located on the peak of a helmet shell is purely an indication of when the shell was manufactured, not necessarily an accurate indication of date of first use.

If in doubt discard, a helmet protects arguably the body's most important organ and is relatively inexpensive to replace.

MAINTENANCE

Helmets should be inspected prior to each use for signs of deterioration or damage, with defective parts replaced immediately. Helmets with damaged shells, e.g; with cracks, dents, excessive abrasion or severe discolouration must be discarded. Helmets that have been in service for longer than 2 years should be monitored carefully and inspected for deterioration.

Regular cleaning using warm water and mild detergent is likely to help extend the helmets lifetime. A brush can be used to remove stubborn marks and dirt from the shell. Prior to washing, the harness should be removed from the shell to facilitate cleaning. The use of solvents, hot water, or harsh abrasives is not recommended.

DISPOSAL

HDPE belongs to polymers recycling category 7. Please see local authority regulations for disposal advice and locations.

USE OF ADHESIVE LABELS

Adhesive labels can attack the structure of all plastic materials over time. Where labelling is a genuine necessity, Scott Health & Safety recommends the use of acrylic or water based adhesives only. No solvent based labels or marker pens should be applied.

WEARING ORIENTATION

It is essential that safety helmets are always worn in the orientation they were intended to be worn i.e. with the peak at the front and the head size adjustment at the rear of the head. Protector helmets are designed, manufactured and tested in accordance with EN397 and all testing is carried out in this intended orientation. In areas where helmets are required to be worn, a helmet should never be removed to switch a headgears orientation; if this advice is ignored there can be no assurance that the certified performance of the helmet will be met.

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The Protector Tuffmaster II safety helmet has a peak less version suitable for working in confined spaces or where working at height where required.

ACCESSORIES

Protector helmets are fitted with a standard 30mm accessory slot to enable the connection of a comprehensive range of face protection and both passive and active hearing protection. A wide range of accessories are available including, sweatbands, chinstrap, replacement headgear, hygiene liners etc these are detailed in separate helmet accessories datasheet available upon request as is information on our Zone range of hearing protection and Interchange face protection range.