STYLE 300

SAFETY HELMET

DESCRIPTION

The 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 Scott Safety's helmet designs. The Style 300 features an especially lightweight HDPE shell, choice of headgear with standard or ratchet adjustment and a modern, stylish appearance that promotes a positive company image.

APPLICATIONS

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 a wide range of industrial applications that require the use of head protection.

TECHNICAL SPECIFICATIONS	
Materials	
Shell Material	UV stabilised - High Density Polyethylene (HDPE)
HDPE Properties	Good performance at low temperatures, excellent chemical resistance, good UV resistance
Head Cradle	Low Density Polyethylene (LDPE)
Attachment Segments	High Density Polyethylene (HDPE)
Webbing Straps	Terylene 25mm Polyester webbing (HC300EL, HC335EL) or Low Density Polyethylene (LDPE) (HC300SB, HC325)
Sweatband	80% Cotton, 20% Nylon mix, Polyurethane Ester Foam backing (Leather Option available)
Ratchet	Nylon/ Polyurethane Foam/ Acetal
Accessory Slot	30mm
Weight	305g to 356g
Size Adjustment	50-66cm standard, 50-64cm ratchet
Head Gear Options	Terylene Standard (HC300EL), Terylene Ratchet (HC335EL), Polyethylene Standard (HC300SB), Polyethylene Ratchet (HC325)

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APPROVALS / ORDERING INFORMATION

			HEADGEAR					OPTIONAL EN397							
Model	Material	Ventilation	8 Point LDPE Standard	8 point LDPE Ratchet	8 Point Terylene Standard	8 point Terylene Ratchet	EN397	Lateral Deformation (LD)	-30°C (Low Temp)	+150°C (High Temp)	Molten Metal (MM)	Electrical Insulation (440 Vac)	Electrical Insulation (1000Vac/ 1500 Vdc) VDE Approved or EN 50365, Class 0	Chinstrap Points	Colour Options
HC300/NSB	HDPE	-	●	-	-	-	●	-	●	-	●	●	●	2	
HC300V/NSB	HDPE	●	●	-	-	-	●	-	●	-	-	-	●	2	
HC300/SBT	HDPE	-	●	-	-	-	●	-	●	-	●	●	●	2	
HC300V/SBT	HDPE	●	●	-	-	-	●	-	●	-	-	-	●	2	
HC325/SBT	HDPE	-	-	●	-	-	●	-	●	-	●	●	●	2	
HC325V/SBT	HDPE	●	-	●	-	-	●	-	●	-	-	-	●	2	
HC300/EL	HDPE	-	-	-	●	-	●	-	●	-	●	●	●	2	
HC300V/EL	HDPE	●	-	-	●	-	●	-	●	-	-	-	●	2	
HC335/EL	HDPE	-	-	-	-	●	●	-	●	-	●	●	●	2	
HC335V/EL	HDPE	●	-	-	-	●	●	-	●	-	-	-	●	2	

COLOUR OPTIONS

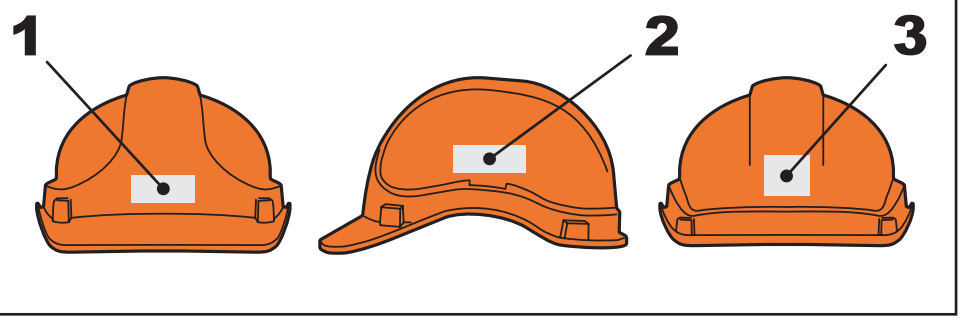
White	Yellow	Blue	Red	Green	Orange	HV Orange	HV Yellow	Grey	Black
RAL 9003	RAL 1028	RAL 5017	RAL3000	RAL 6029	RAL 2008	RAL3026	RAL 1026	RAL 7000	RAL 9005

Style 300 helmets are master batched and are unique colours. The closest RAL (Plastic Colour Guide) references are listed as a guide only.

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 LIFETIME RECOMMENDATIONS

A safety helmet's 'safe to use' age is dependant upon on a number of variable factors that must be assessed by the user through a process of careful monitoring and regular inspection prior to use. The date clock located on the peak of a helmet shell is purely an indication of when the shell was manufactured and does not accurately indicate what time period a safety helmet remains safe to use. The most important and relevant date to record in terms of safety is the date of first use and this should always be written immediately on the label provided in the back of the helmet. Polymers are durable materials and only really begin to change their mechanical properties when they are exposed to sunlight and industrial hazards. If left unused in conditions totally deficient of light, moisture and extremes of temperature a helmet shell does not have a short shelf life or short sell by date, infact its physical condition will not alter for some period of time. A safety helmet's lifetime is reduced by a number of different factors:

- Impacts and abrasions
- UV light exposure
- Chemical exposure
- Temperature extremes
- Molten metal splash
- Electrical arc flash

As a manufacturer, it is almost impossible to predict exactly what effect these combinations will have on a helmet's 'safe to use age'. Users must regularly inspect and maintain their safety helmet and have an appreciation of their work environment when determining when to replace their safety helmet. Scott Safety recommends a maximum in use lifetime of 5 years from the date of first use. Providing the storage conditions stated in our user instructions are adhered to Scott Safety recommends that our helmets have a storage life of 5 years in addition to their service life without any noteable decline in their mechanical performance.

A safety helmet protects arguably the most important organ in a human's body and is relatively inexpensive to replace, if pre-use inspection gives rise to any doubt discard and replace immediately.

N.B. Due to the nature of the high visibility colour pigments used in the manufacturing process, high visibility helmet variants have a shorter life-span than our standard colour safety helmets. We recommend these colour helmets are used for no longer than 12 months from the date of first use.

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. Regular cleaning using warm water and mild detergent is likely to help extend the helmet's 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 Safety recommends the use of acrylic or water based adhesives only. No solvent based labels or marker pens should be applied.

WEARING ORIENTATION

Scott Safety helmets are designed and tested to the requirements of EN397, with clear guidelines that helmets must be worn in the correct orientation with the peak at the front and the size adjustment mechanism at the rear. A helmet's headgear should never be removed to reverse its orientation; if this advice is ignored there can be no assurance that the helmet will meet its certified performance. Applications that require a reduced peak can be satisfied by specifying

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the Tuffmaster II reduced peak safety helmet, which is ideal for working in confined spaces or at height where greater vision is required.

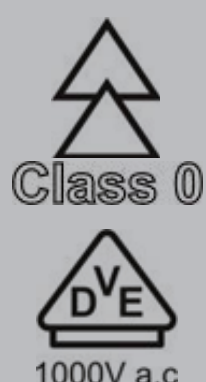
ACCESSORIES

Scott Safety helmets are designed with a universal 30mm accessory slot to enable the connection of a wide variety of face or hearing protection. The range includes a comprehensive portfolio of face protection, passive and electronic hearing protection, sweatbands, chinstraps, replacement headgear, hygiene and winter liners. Details of these accessories are available in separate datasheets and can be provided by our customer service department upon request.

HELMET MARKINGS

Manufacturing Date
EN397 stipulates display of year and quarter of manufacture.

The first logo stipulates the rolling quarter of manufacture, the second the year of manufacture and currently the material type also.



EN50365
Electrical Insulation
The twin triangle symbol together with 'Class 0' denotes EN50365 approval. Suitable for use by electricity workers up to 1000Vac /1500Vdc.

VDE Electrical Approval
(1000Vac /1500Vdc) VDE is the symbol of a well recognised and trusted electrical certification body based in Germany.

Material type
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.

CE 0086

CE Marking
Mandatory conformity mark for the European Economic Area (EEA) – 0086 is the unique number of Scott Safety's notified body(BSI) that audits its quality systems.

Helmet Model Label
An additional label is placed in the rear of helmets to indicate optional approvals that are held under EN397 for a specific helmet model, such as, -30°C, MM – Molten Metal or 440V electrical approval. Date of issue is marked to enable the user to record and more accurately assess a helmet's lifetime.

Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.

UK Office
Keison Products,
P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.
Tel: +44 (0)330 088 0560
Fax: +44 (0)1245 808399
Email: sales@keison.co.uk