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# **SAFETY HELMET**





## **RANGE GUIDE**



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## RS PRO Helmet cross-reference table

The RS PRO guide to safety helmet is designed to give you the key information on the RS PRO range to enable you to choose and buy the right garments for your application. Our safety helmets have been designed to provide quality and comfort which are backed by our Seal of Approval whilst providing a choice of ranges and sizes at a competitive price.

	RS PRO Non-Vented Safety Helmet	RS PRO Reduced Peak Non-Vented Safety Helmet With Wheel Ratchet	RS PRO Full Peak Vented Safety Helmet with Wheel Ratchet	RS PRO Reduced Peak Lightweight Safety Helmet with 4-point chin strap
				
Range	RSP01	RSP17	RSP03	RSP08
Colour	Blue, White, Yellow	Blue, White, Yellow	Blue, White, Yellow	White, Bright Yellow, Orange
Size	51-63cm	51-63cm	51-63cm	51-63cm
Weight	Approx. 375g	Approx. 340g	Approx. 362g	Approx. 315g
Material	Shell: HDPE (High Density Polyethylene)	Shell: HDPE (High Density Polyethylene)	Shell: HDPE (High Density Polyethylene)	ABS (Acrylonitrile-Butadiene-Styrene)
Peak length	Full peak: 40mm	Reduced peak: 20mm	Full peak: 40mm	Reduced Peak: 20mm
Vented/unvented	Non-Vented	Non-Vented	Vented	Vented
Ratchet	Slip Ratchet	Slip Ratchet	Wheel Ratchet	Acetal with HDPE straps, Black foam 3mm
Cradle	6-point plastic cradle	6-point Terylene cradle	6-point Terylene cradle	6-Point Terylene Webbing
Certification	<ul style="list-style-type: none"> <li>EN 397:2012+A1:2012</li> <li>Electrical insulation up to 440V a.c.</li> </ul>	<ul style="list-style-type: none"> <li>EN 397:2012+A1:2012</li> <li>Electrical insulation up to 1000V a.c.</li> </ul>	<ul style="list-style-type: none"> <li>EN 397:2012+A1:2012</li> </ul>	<ul style="list-style-type: none"> <li>EN 397:2012+A1:2012</li> <li>Electrical insulation up to 1000V a.c.</li> </ul>
Applications	<ul style="list-style-type: none"> <li>General construction and industrial work.</li> <li>Environments where electrical insulation is required.</li> <li>Situations demanding durable head protection.</li> </ul>	<ul style="list-style-type: none"> <li>Electrical maintenance and installations.</li> <li>Industrial settings with overhead hazards.</li> <li>Confined spaces requiring compact headgear.</li> </ul>	<ul style="list-style-type: none"> <li>Construction sites requiring ventilation for comfort.</li> <li>General industrial environments.</li> <li>Warehousing and logistics operations.</li> </ul>	<ul style="list-style-type: none"> <li>Working where secure fit is critical.</li> <li>Environments requiring lightweight head protection.</li> <li>Tasks demanding enhanced upward visibility.</li> </ul>
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**EN 397** Helmets for general use in construction and industry to provide protection to the wearer against falling objects and consequential injury.



MANDATORY TESTS

Shock Absorption	EN 397
Drop height	1 metre
Maximum force allowed	5 kiloNewtons
Energy transmitted during test	49 joules
Striker face and weight	50mm radius hemispherical, 5kg
Test conditions	-10°C, +50°C, Wet at +20°C, plus UV
Penetration Resistance	EN397
Drop height	1 metre on area 50mm radius
Energy transmitted during test	29 joules
Striker mass	5kg
Test conditions	-10°C, +50°C, Wet at +20°C, plus UV

BSI Kitemark

By purchasing a product accredited with the BSI Kitemark, the user can be confident that the product continually the performance characteristics of the initial sample submitted for type approval.



BSI independently audit test the product on a regular basis and for our manufacturer to retain the Kitemark, routine batch testing of products are carried out in our manufacturing laboratory and have process control procedures in place within production.



OPTIONAL TESTS

Lateral Deformation (LD)		
Provides a level of protection against lateral compression, indicating improved side strength of helmet. <b>Test Method:</b> A pressure of 43kg is applied on both sides of the shell for 5 minutes and then the amount of helmet deformation is measured.		EN397 only
Low Temperature Performance		
Helmet will still provide protection when worn at or above this temperature. <b>Test Method:</b> The mandatory shock absorption and penetration resistance tests are repeated at stated low temperatures.		-30°C EN397
Electrical Installation		
Test indicates protection from electrical shock. <b>EN Test Method:</b> The shell is immersed for 24 hours in 3 grams per litre of salt water. A current is passed through electrodes which are positioned both inside and outside the helmet. The maximum electrical leakage allowed is 1.2mA for 30 secs at 1200V a.c.		440V a.c. - EN 397
Molten Metal (MM)		
The test ensures that there is no penetration of molten metal splash, indicating a quality, heat resistant shell. <b>Test Method:</b> Test procedure is 150g of molten iron dropped onto a 50mm radius area on helmet crown.		EN 397 only
Extra Features outside the scope of EN 397		
Purpose and test method is as per the relevant EN 397 options detailed above, but performance indicates a higher level of protection.		-40°C and 1000V a.c
Resistant to Flame (F)		
Test ensures helmet does not ignite when passed through the flame or continues to burn after removal of the flame. <b>EN 397 Test Method:</b> The end of the flame is applied to the outside of the cap, 50-100mm from the crown for 10 seconds		Mandatory test for EN 397 (Flame resistant test)

# RS PRO Non-Vented Safety Helmet

General purpose safety helmet with a 6-point plastic cradle.

## Key Features

- HDPE shell offers reliable impact resistance.
- 6-point plastic cradle ensures stability and comfort.
- Optional brushed nylon sweatband for added comfort.
- Slip ratchet system allows for easy size adjustment.
- Full peak (40mm) design provides frontal protection.
- Non-vented shell suitable for electrical work.
- Weight: Approximately 375g. Size: 51-63cm

## Key Features

- EN 397:2012+A1:2012
- Electrical insulation up to 440V a.c.

## Applications

- General construction and industrial work.
- Environments where electrical insulation is required.
- Situations demanding durable head protection.

## Customer Types

- Construction firms.
- Industrial maintenance teams.
- Electrical service providers.

## Materials

Shell	HDPE (High Density Polyethylene)
Cradle	6 Point Terylene Webbing
Headband	LDPE (Low Density Polyethylene)
Sweatband	Optional Brushed Nylon with 2mm foam
Ratchet	Slip Ratchet

## Maintenance

Storage	May be stored in the dark for up to 5 years So not store in direct/high heat of sunlight as this may distort the shell
Cleaning	Clean using warm soapy water and soft cloth
Disposal	Recycling is preferred where possible. Look out for the recycling symbol for material category.

## Ordering Information

RS Article	MPN	Colour
429-645	RSP01CBA	Blue
429-646	RSP01CWA	White
429-648	RSP01CYA	Yellow



# RS PRO Reduced Peak Non-Vented Safety Helmet With Slip Ratchet

General purpose safety helmet with a 6-point Terylene cradle and Brushed Nylon sweatband.

## Key Features

- HDPE shell provides durable head protection.
- 6-point sewn Terylene cradle for comfortable fit.
- Brushed nylon sweatband for moisture absorption.
- Slip ratchet adjustment system for secure fitting.
- Reduced peak (20mm) enhances upward visibility.
- Non-vented design suitable for electrical environments.
- Weight: Approximately 340g.

## Certifications

- EN 397:2012+A1:2012
- Electrical insulation up to 1000V a.c.

## Applications

- Electrical maintenance and installations.
- Industrial settings with overhead hazards.
- Confined spaces requiring compact headgear.

## Customer Types

- Electrical contractors.
- Maintenance teams.
- Utility service providers.

## Materials

Shell	HDPE (High Density Polyethylene)
Cradle	6 Point Terylene Webbing
Headband	LDPE (Low Density Polyethylene)
Sweatband	Brushed Nylon with 2mm foam

## Maintenance

Storage	May be stored in the dark for up to 5 years So not store in direct/high heat of sunlight as this may distort the shell
Cleaning	Clean using warm soapy water and soft cloth
Disposal	Recycling is preferred where possible. Look out for the recycling symbol for material category.

## Ordering Information

RS Article	MPN	Colour
429-651	RSP17BA	Blue
429-652	RSP17YA	Yellow
429-649	RSP17WA	White



# RS PRO Full Peak Vented Safety Helmet with Wheel Ratchet

General purpose safety helmet with a 6-point Terylene cradle and Brushed Nylon sweatband.



## Key Features

- High-Density Polyethylene (HDPE) shell for robust protection.
- 6-point sewn Terylene cradle ensures optimal comfort and fit.
- Brushed nylon sweatband enhances wearability during extended use.
- Wheel ratchet adjustment allows for easy and secure fitting.
- Full peak (40mm) design offers additional frontal protection.
- Vented shell improves air circulation, reducing heat buildup.
- Weight: Approximately 362g.

## Certifications

- EN 397:2012+A1:2012

## Applications

- Construction sites requiring ventilation for comfort.
- General industrial environments.
- Warehousing and logistics operations.

## Customer Types

- Construction companies.
- Manufacturing firms.
- Logistics and distribution centers.

## Materials

Shell	HDPE (High Density Polyethylene)
Cradle	6 Point Terylene webbing
Headband	LDPE (Low Density Polyethylene)
Sweatband	Brushed Nylon with 2mm foam

## Maintenance

Storage	May be stored in the dark for up to 5 years So not store in direct/high heat of sunlight as this may distort the shell
Cleaning	Clean using warm soapy water and soft cloth
Disposal	Recycling is preferred where possible. Look out for the recycling symbol for material category.

## Ordering Information

RS Article	MPN	Colour
429-657	RSP03EBRF	Blue
429-654	RSP03EYRF	Yellow
429-655	RSP03EWRF	White

## RS PRO Reduced Peak Lightweight Safety Helmet with 4-point Chin Strap

Lightweight, strong and comfortable helmet. Manufactured from high quality, strong ABS material.

### Key Features

- Lightweight ABS shell, approximately 300g, reduces fatigue.
- 6-point sewn Terylene cradle for secure fit.
- Dry-Tech sweatband enhances comfort during extended wear.
- Reduced peak (20mm) improves upward visibility.
- Vented design promotes airflow, enhancing comfort.
- 4-point chinstrap ensures helmet stays securely in place.
- Unique extended nape ensures enhanced neck protection.

### Certifications

- EN 397:2012+A1:2012
- Electrical Insulation up to 1000Va.c

### Applications

- Working where secure fit is critical.
- Environments requiring lightweight head protection.
- Tasks demanding enhanced upward visibility

### Customer Types

- Construction and building, civil engineering.
- Telecommunications and utility workers.
- Wind energy and offshore industries.
- Engineering
- Chemicals & Pharmaceuticals, FMCG, Food & Drink
- Pulp & Paper packaging, recycling and agriculture
- Automotive & Aerospace

### Materials

Shell	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle	6 Point Terylene Webbing
Headband	LDPE (Low Density Polyethylene)
Sweatband	Dry-Tech (Polyester Fabric)
Wheel Ratchet	Acetal with HDPE straps, Black foam 3mm

### Maintenance

Storage	May be stored in the dark for up to 5 years So not store in direct/high heat of sunlight as this may distort the shell
Cleaning	Clean using warm soapy water and soft cloth
Disposal	Recycling is preferred where possible. Look out for the recycling symbol for material category.

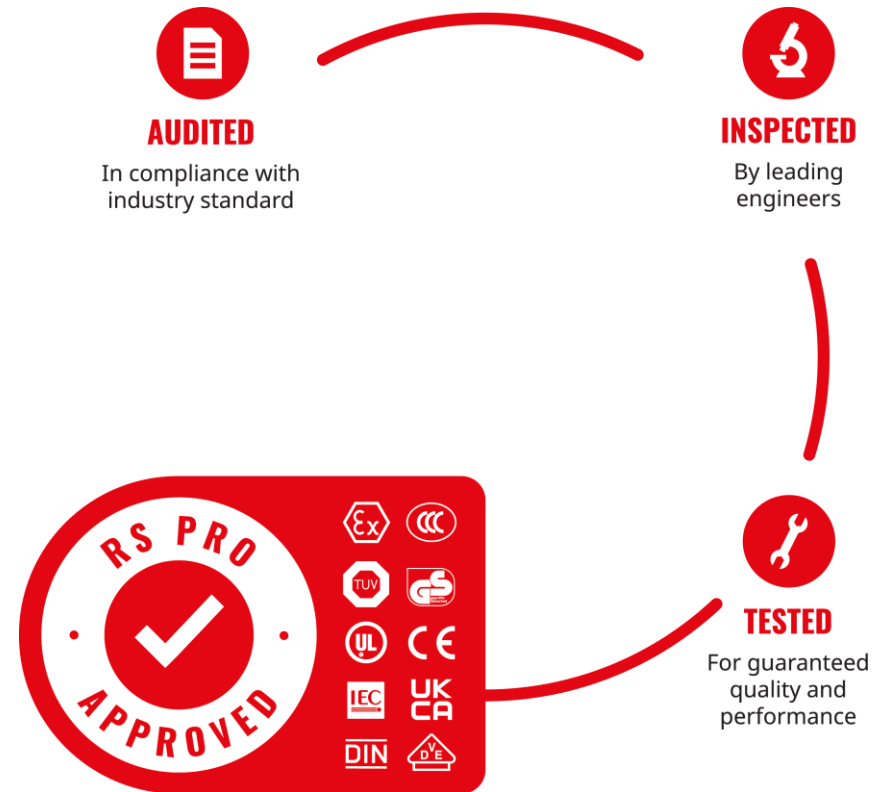
### Ordering Information

RS Article	MPN	Colour
429-659	RSP08CORLF	Orange
429-660	RSP08CWRLF	White
429-658	RSP08CHVYRLF	Yellow



**RS PRO products are audited against demanding international standards, inspected for durability and consistency and tested by leading engineers.**

Only when products have been through this process, they are awarded our seal of approval, demonstrating quality that can be trusted. Confidence in this process is reflected in our product warranties – proof that our products will consistently deliver the quality you expect for a long time to come.



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