

# TECHNICAL DATA SHEET



## CONCEPT

### DESCRIPTION

Light, strong and comfortable helmet. Manufactured from high quality, strong ABS material, the Concept is up to 20% lighter than most other helmets.

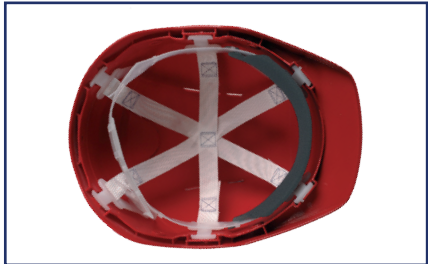
### SPECIFICATION

| Product Codes and Helmet Options | Code                                                                           | Option                                | Weight |
|----------------------------------|--------------------------------------------------------------------------------|---------------------------------------|--------|
|                                  | S09C*A                                                                         | Full Peak Slip Ratchet Non-Vented     | 318gm  |
|                                  | S08C*A                                                                         | Reduced Peak Slip Ratchet Non-Vented  | 315gm  |
|                                  | S09C*F                                                                         | Full Peak Slip Ratchet Vented         | 318gm  |
|                                  | S08C*F                                                                         | Reduced Peak Slip Ratchet Vented      | 315gm  |
|                                  | S09C*R                                                                         | Full Peak Wheel Ratchet Non-Vented    | 337gm  |
|                                  | S08C*R                                                                         | Reduced Peak Wheel Ratchet Non-Vented | 334gm  |
|                                  | S09C*RF                                                                        | Full Peak Wheel Ratchet Vented        | 337gm  |
|                                  | S08C*RF                                                                        | Reduced Peak Wheel Ratchet Vented     | 334gm  |
| Size                             | 51 - 63cm (Slip Ratchet)<br>52 - 64cm (with Premium 'Twist2Fit' Wheel Ratchet) |                                       |        |
| Peak                             | Full (40mm) or Reduced (20mm)                                                  |                                       |        |

\* Insert colour code of helmet.

### 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 |

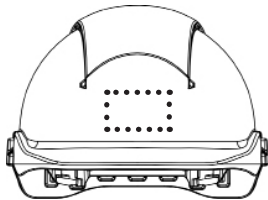


### COLOURS

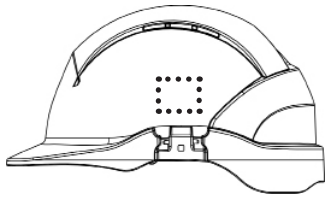
|             | White | Blue | Red  | Yellow | Orange | Green | Light Blue | Black | Bright Yellow | Bright Orange |
|-------------|-------|------|------|--------|--------|-------|------------|-------|---------------|---------------|
|             |       |      |      |        |        |       |            |       |               |               |
| Colour Code | W     | B    | R    | Y      | O      | G     | LB         | K     | HVY           | HVO           |
| RAL         | 9010  | 5026 | 3031 | 1018   | 2003   | 6036  | 5005       | 9005  | 1026          | 2005          |
| Pantone     | White | 2768 | 1807 | 109    | 1505   | 343   | 2935       | Black | 809           | 1655          |

Please note: the closest matching RAL colours are listed.

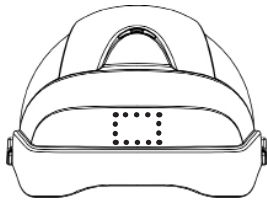
### CORPORATE BADGING



| Front |           |
|-------|-----------|
| ↔↕    | 85 x 50mm |
| ↔↕    | 25 x 60mm |



| Sides |      |
|-------|------|
| ↔     | 80mm |
| ↕     | 35mm |



| Rear |            |
|------|------------|
| ↔↕   | 30 x 25mm  |
| ↔↕   | 100 x 20mm |

EUROPEAN AND INTERNATIONAL STANDARDS WITH OPTIONS

| Product                                      | EN 397:2012 + A1:2012    |                          |                   |                                   | Options outside the scope of EN 397 |                          | EN 50365:2002 (1000V a.c.)<br>For use on low voltage insulations | ANSI/ISEA Z89.1-2014 Type 1  |                        |                          | Options outside the scope of ANSI/ISEA | CSA/ CAN Z94.1-05 Type 1     |                        | Tested to the performance requirements of AS/NZS 1801:1997 Type 1 |
|----------------------------------------------|--------------------------|--------------------------|-------------------|-----------------------------------|-------------------------------------|--------------------------|------------------------------------------------------------------|------------------------------|------------------------|--------------------------|----------------------------------------|------------------------------|------------------------|-------------------------------------------------------------------|
|                                              | Lateral Deformation (LD) | - 30°C (Low Temperature) | Molten Metal (MM) | 440V a.c. (Electrical Resistance) | 1000V a.c. (Electrical Resistance)  | - 40°C (Low Temperature) |                                                                  | Class C (Conductive 0V a.c.) | Class E (20,000V a.c.) | - 30°C (Low Temperature) | - 40°C (Low Temperature)               | Class C (Conductive 0V a.c.) | Class E (20,000V a.c.) |                                                                   |
| Full Peak Non-Vented Wheel Ratchet S09C*R    | ✓                        | ✓                        | ✓                 | ✓                                 | ✓                                   | ✓                        | ✓                                                                |                              | ✓                      |                          | ✓                                      |                              |                        |                                                                   |
| Reduced Peak Non-vented Wheel Ratchet S08C*R | ✓                        | ✓                        | ✓                 | ✓                                 | ✓                                   | ✓                        | ✓                                                                |                              | ✓                      |                          | ✓                                      |                              |                        |                                                                   |
| Full Peak Vented Wheel Ratchet S09C*RF       | ✓                        | ✓                        | ✓                 |                                   |                                     | ✓                        | ✓                                                                | ✓                            |                        |                          | ✓                                      |                              |                        |                                                                   |
| Reduced Peak Vented Wheel Ratchet S08C*RF    | ✓                        | ✓                        | ✓                 |                                   |                                     | ✓                        | ✓                                                                | ✓                            |                        |                          | ✓                                      |                              |                        |                                                                   |
| Full Peak Non-Vented Slip Ratchet S09C*A     | ✓                        | ✓                        | ✓                 | ✓                                 | ✓                                   | ✓                        | ✓                                                                |                              | ✓                      |                          | ✓                                      |                              |                        |                                                                   |
| Reduced Peak Non-Vented Slip Ratchet S08C*A  | ✓                        | ✓                        | ✓                 | ✓                                 | ✓                                   | ✓                        | ✓                                                                |                              | ✓                      |                          | ✓                                      |                              |                        |                                                                   |
| Full Peak Vented Slip Ratchet S09C*F         | ✓                        | ✓                        | ✓                 |                                   |                                     | ✓                        | ✓                                                                | ✓                            |                        |                          | ✓                                      |                              |                        |                                                                   |
| Reduced Peak Vented Slip Ratchet S08C*F      | ✓                        | ✓                        | ✓                 |                                   |                                     | ✓                        | ✓                                                                | ✓                            |                        |                          | ✓                                      |                              |                        |                                                                   |

Note: EN 397 Electrical Resistance applicable to unvented shells ONLY

ACCESSORIES

|                           |                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Face                      | Compatible with Connect, Euro and Contour range of Face protection                                                                                 |
| Accessory Clips           | Use S570 Connect or S565 Euro accessory clips. Use S585 clips (supplied with Contour Carrier).                                                     |
| Ear                       | Compatible with Centurion helmet mounted Scala XI S72CE and Scala X S71CE Ear Defenders (supplied with S570 Connect and S565 Euro accessory clips) |
| Eye                       | Clear S589 or Smoke Grey S589SE moulded Polycarbonate Eye Shield with anti scratch/fog coating                                                     |
| Stickers                  | S30HIRS Silver High Intensity Reflective Sticker sets available. Material meets the specification requirements of EN 12899-1 Ra2                   |
| Unique Features           | Internal card holder in helmet for identification or medical information (credit card size 54 x 85mm)                                              |
| Sweatband                 | S31D Dry-Tech sweatband                                                                                                                            |
| Cradle with Slip Ratchet  | S33/34 Terylene Cradle with Dry-Tech Sweatband                                                                                                     |
| Cradle with Wheel Ratchet | S33/35 Terylene Cradle with Premium ‘Twist2Fit’ Wheel Ratchet and Dry-Tech Sweatband                                                               |
| Chinstrap                 | Compatible with S30E 2 point chinstrap, 4 point SecurePlus chinstraps S30Y, S30LY and S30YE elasticated                                            |

PACKAGING AND MAINTENANCE

|           |                                                                                                                                                                                                                             |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging | 20 per colour, box size 58 x 44 x 43cm, box weight 7.34kg                                                                                                                                                                   |
| Storage   | Can be stored and transported in their original cartons at ambient temperature (0°C to + 30°C)<br>May be stored in the dark for up to 5 years<br>Do not store in direct/high heat or sunlight as this may distort the shell |
| Lifetime  | The Centurion safety helmet has an in-use life of up to 5 years<br>Excessive wear and tear can considerably reduce the lifespan of the product                                                                              |
| Cleaning  | Clean using warm soapy water and soft cloth                                                                                                                                                                                 |
| Disposal  | Recycling is preferred when possible. Look out for the recycling symbol for material category                                                                                                                               |