HOW TO CHOOSE YOUR HELMET?

<table>
<thead>
<tr>
<th>HELMET TYPE</th>
<th>ZIRCON I</th>
<th>QUARTZ I</th>
<th>QUARTZ UP III</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Material</strong></td>
<td>HDPE</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>370 g</td>
<td>346 g</td>
<td>322 g</td>
</tr>
<tr>
<td><strong>Harness</strong></td>
<td>LDPE</td>
<td>LDPE</td>
<td>Textile</td>
</tr>
<tr>
<td><strong>Visor</strong></td>
<td>Normal</td>
<td>Normal</td>
<td>Normal</td>
</tr>
<tr>
<td><strong>Electrical works</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Impact</strong></td>
<td>Compulsory</td>
<td>Compulsory</td>
<td>Compulsory</td>
</tr>
<tr>
<td><strong>Penetration</strong></td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td><strong>Flammability</strong></td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td><strong>optional requirements</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EN397</strong></td>
<td>+50°C +10°C -10°C</td>
<td>+50°C +10°C -10°C</td>
<td>+50°C -30°C</td>
</tr>
<tr>
<td><strong>440 VAC</strong></td>
<td>+440 VAC</td>
<td>+440 VAC</td>
<td></td>
</tr>
<tr>
<td><strong>LD</strong></td>
<td>LD</td>
<td>LD</td>
<td>LD</td>
</tr>
<tr>
<td><strong>MM</strong></td>
<td>MM</td>
<td>MM</td>
<td>MM</td>
</tr>
<tr>
<td><strong>Identification of the manufacturer</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Size Range</strong></td>
<td>53 - 63 cm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**EN397:1995**

- **Impact**: Energy spread to the head form must not exceed 5 kN after the fall of an object of 5 kg at 1m high.
- **Penetration**: The tip of the test mass used (3 kg 1 m) must not come into contact with the skull.
- **Flammability**: The helmet must not burn with flame emission more than 5 s after removal of the flame.
*Testing impact and penetration is made at room temperature, at +50 °C and at -10 °C.

**EN50365**

- In extreme temperatures, testing impact and penetration are made at room temperature at +150 °C, at -20 °C or -30 °C.
- Protects against accidental contact with a short conductor electrical voltage up to 440 V.
- Protects against lateral compression; the maximum deformation of the helmet should be ≤ 40 mm.
- Resistance to splashes of molten metal.

**Electrical works**

- Electrically insulating helmets for use on or near live installations not exceeding 1000 VAC or 1500 VDC.

**Year and month of manufacture:**
- ZIRCON - QUARTZ I: 5 years from date of manufacture, 3 years in use.
- SUPER QUARTZ - DIAMOND - GRANITE: 7 years from date of manufacture, 4 years in use.
### ESSENTIAL

**ZIRCON I QUARTZ I QUARTZ UP III**

- **Material:** Polypropylene
- **Weight:** 322 g
- **Harness:** Textile
- **Visor:** Normal

**Baseball Diamond V**

- **Material:** ABS / Polycarbonate
- **Weight:** 410 g
- **Harness:** Textile
- **Visor:** Normal

**Heavy Industry Iron and Steel Industry +150°C**

**Material:** Polypropylene
- **Weight:** 346 g
- **Harness:** LDPE
- **Visor:** Normal

**Baseball Diamond Up**

- **Material:** ABS
- **Weight:** 368 g
- **Harness:** Textile
- **Visor:** Curved

**Curved visor**

- **Material:** ABS
- **Weight:** 368 g
- **Harness:** Textile
- **Curved visor**

**Dynamically JugalPHA**

- **Material:** ABS
- **Weight:** 350 g
- **Harness:** Textile
- **Visor:** Normal

**Spare harness for BASEBALL DIAMOND V**

- **Material:** ABS
- **Weight:** 355 g
- **Harness:** Textile
- **Visor:** No visor

### PREMIUM

**GRANITE PEAK**

- **Material:** ABS
- **Weight:** 350 g
- **Harness:** Textile
- **Visor:** No visor

**GRANITE WIND**

- **Material:** ABS
- **Weight:** 355 g
- **Harness:** Textile
- **Visor:** No visor

---

**Specifications:**

- **Impact:** Energy spread to the head form must not exceed 5 kN after the fall of an object of 5 kg at 1m high
- **Penetration:** The tip of the test mass used (3 kg 1 m) must not come into contact with the skull
- **Flammability:** The helmet must not burn with flame emission more than 5 s after removal of the flame

*Testing impact and penetration is made at room temperature, at +50 °C and at -10 °C*

**Material:**
- **HDPE**
- **Weight:** 370 g
- **Harness:** LDPE
- **Visor:** Normal

**Polypropylene**
- **Weight:** 322 g
- **Harness:** LDPE
- **Visor:** Normal

**Polypropylene**
- **Weight:** 322 g
- **Harness:** Textile
- **Visor:** Curved

**Polypropylene**
- **Weight:** 322 g
- **Harness:** Textile
- **Curved visor**

**ABS / Polycarbonate**
- **Weight:** 410 g
- **Harness:** Textile
- **Visor:** Normal

**ABS**
- **Weight:** 368 g
- **Harness:** Textile
- **Curved visor**

**ABS**
- **Weight:** 368 g
- **Harness:** Textile
- **Curved visor**

**ABS**
- **Weight:** 350 g
- **Harness:** Textile
- **Curved visor**

**Ventilated**

**Material:**
- **Polypropylene**
- **Weight:** 322 g
- **Harness:** Textile
- **Visor:** Normal

**Polypropylene**
- **Weight:** 322 g
- **Harness:** Textile
- **Curved visor**

**Polypropylene**
- **Weight:** 322 g
- **Harness:** Textile
- **Curved visor**

**ABS / Polycarbonate**
- **Weight:** 410 g
- **Harness:** Textile
- **Curved visor**

**ABS**
- **Weight:** 368 g
- **Harness:** Textile
- **Curved visor**

**ABS**
- **Weight:** 368 g
- **Harness:** Textile
- **Curved visor**

**ABS**
- **Weight:** 350 g
- **Harness:** Textile
- **Curved visor**

**Ventilated**

**Material:**
- **ABS**
- **Weight:** 355 g
- **Harness:** Textile
- **Visor:** No visor

**ABS**
- **Weight:** 355 g
- **Harness:** Textile
- **Visor:** No visor

---

**Optional**

**EN50365**

**Electrically insulating helmets for use on or near live installations not exceeding 1000 VAC or 1500 VDC.**

**Heavy industry Iron and Steel industry +150°C**

**Work at height**

**Electrical Works**

**Work at height**

**Electrical Works**

**Ventilated**

**Work at height**

**Work at height**

**Electrical Works**

**Work at height**

**Ventilated**

**Work at height**

---

**SNR S2**

**SNR S2**

**SNR 27**

**MAGNY HELMET**

**Suzuka**

**ZIRCON - QUARTZ - DIAMOND - GRANITE**

**Winter Cap**

**Fuego**

**BASALPHA**

**Basamma**

**Face Shield**

**Badge Holder**

**Spare harness for BASEBALL DIAMOND V**

**HARNESS V**

**KIT MINES (on request)**

**2 pts**

**JUGALPHA**

**MEDALPHA**

**4 pts**

**Dynamic JugalPHA**

**Granite Wind**

**Granite Peak**

**Granite**

---

**Visit Holder**

**Visor Toric - VisorPC - Visorg**

**ZIRCON - QUARTZ - DIAMOND**

**ZIRCON - QUARTZ - DIAMOND**

**ZIRCON - QUARTZ - DIAMOND**

**ZIRCON - QUARTZ - DIAMOND**

---

**Visor Hold MINI**

**VisorGmini**

**VisorPC MINI**

**Granite**

---

**30 mm**
NEW SERVICE FROM DELTA PLUS: CUSTOMIZE YOUR SAFETY HELMETS!

> The logo sent must be in vectorized format (.eps, .ai, or .pdf) and do not have different colour background of the chosen helmet.

> For logos in colours, thanks to give us the pantone reference for each colour.

> Warning: the colours of the logos can be slightly changed according to the colour of helmets. To have the same colour as your logo, we recommend to choose white helmets.

> It is impossible to do gradient colours in pad printing.

> Minimum of order: 40 pieces per colour for all orders in Europe

> Maximum number of colours: 4

> The space to put the logo may not exceed dimensions shown on the schema below:

<table>
<thead>
<tr>
<th>ZIRCON</th>
<th>QUARTZ - SUPER QUARTZ</th>
<th>GRANITE</th>
<th>BASEBALL DIAMOND</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Front" /></td>
<td><img src="image2" alt="Front" /></td>
<td><img src="image3" alt="Front" /></td>
<td><img src="image4" alt="Front" /></td>
</tr>
<tr>
<td><img src="image1" alt="Back" /></td>
<td><img src="image2" alt="Back" /></td>
<td>Notice: only front printing available</td>
<td><img src="image4" alt="Back" /></td>
</tr>
</tbody>
</table>

Sizes mm

PRICELIST AND SALES TERMS