# FOP-H100

FOP™ Industrial Safety Helmet

Made in Madinah, Kingdom of Saudi Arabia • EN 397:2012+A1:2012 • SASO

## PRODUCT VIEWS



FOP-H100



FOP-H100

**AVAILABLE COLOURS** White | Yellow | Blue | Red | Green | Orange

## KEY DATA

| | |
|---|---|
| **MODEL / DESCRIPTION** | FOP-H100 – FOP™ Industrial Safety Helmet |
| **ORIGIN** | Madinah, Kingdom of Saudi Arabia |
| **STANDARDS** | EN 397:2012+A1:2012 • PPE Regulation (EU) 2016/425 (CE marking) • SASO Technical Regulations for PPE |

## DESCRIPTION

The **FOP™ Industrial Safety Helmet FOP-H100** is designed to provide reliable **head protection against small falling objects**, in compliance with **SASO** and **EN 397:2012+A1:2012**.

It is available in multiple configurations to suit various work environments and is designed as a platform to integrate with a wide range of **hearing, eye and face protection accessories**.

All helmets are manufactured at our **Madinah, Kingdom of Saudi Arabia** facility to meet international and local PPE quality standards.

## KEY FEATURES

- Available with **ratchet** or **pinlock** suspension for adjustable fit
- **Ventilated** and **non-ventilated** versions for different applications
- **Branding and logo printing** options available (front, sides, rear)
- Replaceable **leather or plastic sweatband**
- Certified for use with **rotated harness (180°)** for confined work
- Approved for use at **-30 °C (EN 397)** and **-50 °C (GOST R EN 397/A1-2010)**
- Available in **six standard colours**: white, yellow, blue, red, green, orange
- Optional **reflective stripes** for better visibility
- **Short brim** for improved upward visibility

## TYPICAL APPLICATIONS

- Construction
- Industry & Manufacturing
- Oil & Gas
- Mining
- Forestry
- Road & Infrastructure Works

## TESTING AND APPROVAL

**The FOP-H100 helmets have been tested in accordance with:**

- **EN 397:2012+A1:2012** – Industrial safety helmets
- **PPE Regulation (EU) 2016/425** – CE marking compliance
- **SASO Technical Regulations** for PPE in the Kingdom of Saudi Arabia

| Standard | Description |
|---|---|
| **EN 397:2012+A1:2012** | Shock absorption, penetration resistance, flame resistance |
| **PPE Regulation (EU) 2016/425** | Conformity with EU requirements |
| **SASO** | Compliance with KSA national regulations |

## USE LIMITATIONS

- Do not modify or alter the helmet.
- Do not use the helmet for hazards other than those indicated in the user instructions.
- Always use, store and maintain the helmet as per the provided instructions.
- Replace the helmet after severe impact or once service life is exceeded.

## PRODUCT CONFIGURATION

| Model | Description |
|---|---|
| **FOP-H100** | Without ventilation |



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## MATERIALS

| Component | Material |
|---|---|
| **Shell** | High-Density Polyethylene (HDPE) |
| **Headband** | HDPE |
| **Cradle** | Polyester |
| **Sweatband** | Leather or PVC-coated foam (plastic) |

## WEIGHT

| Configuration | Weight |
|---|---|
| **FOP-H100 with Pinlock Suspension (G2M)** | 335 g |
| **4-Point Suspension Band** | 8 g |

## ACCESSORIES

The FOP-H100 series helmets are compatible with a variety of eye, face and hearing protection products, offering flexible and integrated protection options.

| Accessory | Description | Accessory | Description |
|---|---|---|---|
| **2-Point Chinstrap** | Secure fit during active work | **4-Point Suspension Band** | Additional support for heavy-duty applications |
| **Sweatbands (Plastic or Leather)** | Replaceable for hygiene and comfort | **Rain Shield** | Protects against water ingress |
| **Integrated Eyewear (V9 Type)** | Optional eye protection | **Visor Adaptor** | Compatible with face shields and visors |
| **Helmet-Mounted Hearing Protection** | Compatible with most earmuff systems | **Reflective Stripes** | For increased visibility in low-light conditions |

## USE AND STORAGE

| Parameter | Specification |
|---|---|
| **Temperature range for usage** | -30 °C to +50 °C |
| **Recommended storage** | +3 °C to +40 °C, < 85% humidity |
| **Maximum recommended product life*** | Up to 5 years from date of manufacture |

**The above product life is indicative and depends on external factors. It does not constitute a warranty.*

## SUSPENSION OPTIONS

| Product Description | Model / Type | SKU / Product Code | Notes |
|---|---|---|---|
| **4-Point Pinlock with Plastic Sweatband** | FOP-P4P | FOP-HS-P4P | Standard model (HDPE headband, PVC-coated foam sweatband) |
| **4-Point Pinlock with Leather Sweatband** | FOP-P4L | FOP-HS-P4L | Premium comfort version (leather sweatband) |
| **4-Point Ratchet with Leather Sweatband** | FOP-R4L | FOP-HS-R4L | Adjustable ratchet type with premium leather band |
| **4-Point Ratchet with Plastic Sweatband** | FOP-R4P | FOP-HS-R4P | Adjustable ratchet type with standard plastic band |

## PRODUCT CLASSIFICATION

(Additional protection characteristics as per EN 397:2012+A1:2012)

| Low Temp | High Temp | Electrical | Lateral Deformation | Molten Metal |
|---|---|---|---|---|
| -10 °C | +50 °C | 440 Vac | LD | ✔ |
| -20 °C | +150 °C | 1000 Vac / 1500 Vdc | ✘ | ✘ |
| -30 °C | ✘ | ✘ | ✘ | ✘ |

*Electrical and molten metal protection available only on non-vented models (FOP-H100).*

## FITTING SIZES

| Suspension Type | Size Range |
|---|---|
| **Pinlock Harness** | 54–62 cm |
| **Ratchet Harness** | 53–62 cm |

*Optional size-reducing comfort pads are available for smaller head sizes.*

## IMPORTANT NOTICE

- The use of FOP safety helmets assumes that the user is a trained professional familiar with this type of PPE. Prior to use, it is recommended to conduct **application-specific performance checks**.
- All specifications are valid for **FOP-manufactured helmets** and do not apply to other products. Compliance with this datasheet does not exempt the user from adhering to **local safety rules, site procedures or regulatory requirements**.
- **Foundations of Prevention (FOP)** shall not be held responsible for misuse or operation outside specified parameters.

## MANUFACTURER DETAILS

**Foundations of Prevention**
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**SCAN QR**
for the user manual.



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