



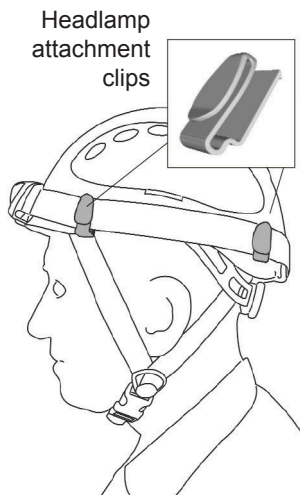
DBF® system



Perimetral adjustment system



Jugular buckle



Headlamp attachment clips

## TECHNICAL SHEET

# Helmet CORAZZA AIR



by CORAX

**White:** USCP601100BR **Yellow:** USCP601100AM  
**Red:** USCP601100VM **Black:** USCP601100PT

**CA: 44.761 Tipo III Class A NBR 8221:2003**

### SPECIFICATIONS

Meets Brazilian standard NBR 8221 based in EN 307: 1995, ISO 3873:1997 e ANSI Z89.1:1997 according to tests carried out in laboratory approved by INMETRO.

### CHARACTERISTICS

- Weight: 437g
- Brimless helmet with 3-point chin strap and full fit system for work on height, rescue, arboriculture and climbing.
- Its use is not recommended in energized environments or with the possibility of splashes of incandescent metals or chemical products.

### MATERIALS

- High Density Polyethylene (HDPE) Shell / 100% Polyamide Tapes;
- The head, crown and jugular components are made from antiallergic materials.

### ACCESSORIES

- Clips for installing a front headlamp (4 units)\*
- Front comfort foam (1 unit)\*
- \* Comes with the helmet and can also be purchased for replacement

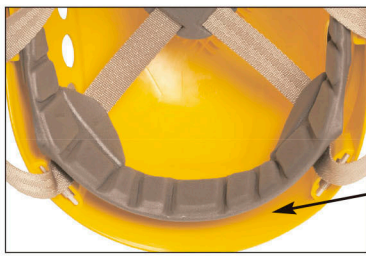
### TECHNICAL DESCRIPTION

- Hull made of high-density polyethylene (HDPE) with UV protection.
- Side slots for attaching accessories (visor and/or noise muffler kit and/or side headlamp consult the manufacturer) \*\*
- Three polished finish areas for helmet customization, located on the sides and front.
- Perimeter adjustment system formed by a contour pad made of high-density polyethylene (HDPE) with UV protection and equipped with a rotating ratchet located in the nape, which allows a precise adjustment (from 7 to 7 mm) reaching from 52 cm (minimum perimeter) up to 64 cm (maximum perimeter).
- Sheath equipped with padded material made of cross-linked polyethylene with ventilation for greater comfort and protection. It's fully removable for cleaning or changing,
- Superior comfort foam coupled to the crown that acts as a shock absorber.
- Intelligent suspension system.
- Fully adjustable chin strap with DBF® (Double Back Fit) adjustment system that allows to keep the leftover jugular tape always adjusted and compacted, increasing the user comfort and eliminating the risk of the tape tangling with other objects, thus avoid eventual accidents.
- Four clips for headlamp installation.

\*\* WARNING: Consult the brand and/or models of accessories. compatible with the Corazza Air helmet.

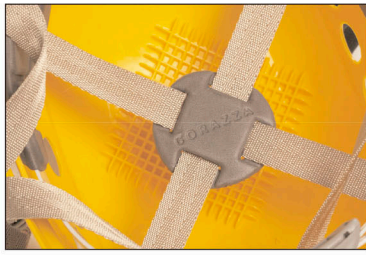
### WE RECOMMEND HEARING PROTECTOR OASI ULTRA SAFE

100% compatible with Corazza Air helmet  
Code: USPA00000001 CA: 45413  
Meets ABNT NBR 16076:2020-B Standard



Frontal pad

Space between suspension system and helmet



Upper pad (crown)

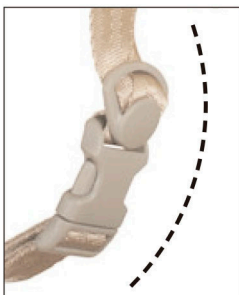


Headlamp attachment clips



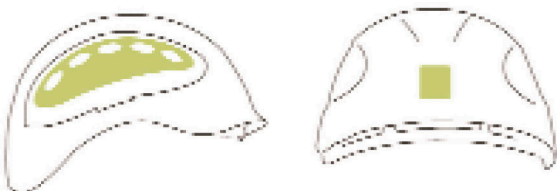
Side slots for installation of PPE

Warning:  
Consult about brands and/or accessory helmet models compatible with Corazza helmets



Jugular buckle follow the face design

Areas for customization



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### HOW DOES A HELMET WORKS?

Basically, the helmet has two components: the outer part (hull) and the inner part (suspension system).

### HULL

The hull is made of rigid Polymer and its structure has to be comfortable and resistant to impacts and/or punctures.

### SUSPENSION SYSTEM

The goals of a good suspension system are:

- Keep the helmet perfectly centered and stabilized on the user's head
- Work together with the hull to cushion and absorb the energy of any impact that hits the helmet.

### ACCESSORIES

- Clips for installing a front headlamp (4 units)\*
  - Front comfort foam (1 unit)\*
- \* Comes with the helmet and can also be purchased for replacement

### ADVANTAGES AND BENEFITS OF CORAZZA HELMETS

- The suspension system differs from other models offered in the market as it maintains a uniform distance between the hull and suspension system, as well as between the case and the top of the head (crown), so the hull is isolated of the head, keeping a gap between them. In this way, when the hull receives an impact, the suspension will have space enough to absorb the energy within the clearance, minimizing the effect of impact on the user's head and thus increasing the security.
- Other benefit of this perimetral clearance between hull and head is that this free space facilitates the air circulation (more comfort for user). In contrast, other competitors' models don't have this benefit: some models have the front part of suspension structure adhered to the head, while others they simply do not have any lateral clearance between the hull and the head.
- Its exclusive adjustment system allows for optimal centering and stability of the helmet on the head, as well as the widest perimeter coverage available in the market in a single site: from 52 cm to 64 cm
- Corazza Air is the lightest helmet among other B-Class models available in the market.
- The chin strap of Corazza helmets is made of polyamide, which has greater elasticity and softer touch than other fibers such as polyester or polypropylene. This differential collaborates in the better damping of impacts and provides greater comfort in contact with the face.
- Corazza helmet pads have an exclusive design and are manufactured with high density polyethylene (HDPE) that provides a long service life, superior to those offered in helmets available in the market, with no need to exchange each year. They have a removable pre-shaped padding with ventilation that optimizes air circulation.
- The jugular tape has a buckle closure and shape adjustment anatomical curve, which follows the curvature of the face. Its unique DBF® (Double Back Fit) system eliminates tape scraps after adjustment, which increases comfort and eliminates the risk of entanglement with other objects.

### CUSTOMIZATION

At the customer's request, we customize the helmets with the company's logo with specific materials that guarantee perfect adhesion and durability.

### CUSTOMER SERVICE

We are a fully-engaged company in the Total Quality System: we guarantee maximum agility in the fulfillment of purchase orders and a very efficient after-sales service.