

Care & Use Guide – Maxillofacial 3D Masks

How to clean, store, and use your custom Digital Strings® mask. Following these instructions keeps the protective function, hygiene, and durability of the device intact.

Product specifications

COMPONENT	MATERIAL
Shell	eSUN Hard-Tough UV resin
Suspension	Elastic straps + plastic buckles
Padding	Water-resistant Micropore

1. Cleaning

- ✓ Wipe the mask with a **warm damp cloth** after every use.
- ✓ To disinfect: use a cloth with **70% isopropyl alcohol** . Let it air-dry.
- ✓ Do not submerge in water or run through a dishwasher.
- ✓ Avoid harsh solvents — acetone, thinner, bleach, or abrasive cleaners **will damage the resin** .
- ✓ Never use direct heat to dry (hair dryer, direct intense sun, oven). Always air-dry at room temperature.

2. Storage

- ✓ Store in a protective case or bag when not in use.
- ✓ Keep in a dry place at room temperature (**do not exceed 50 °C / 122 °F**).
- ✓ Do not place heavy objects on top of the mask.
- ✓ Avoid surfaces that could scratch the finish.

⚠ Note on sun exposure

Wearing the mask in the sun during a game is **completely safe**

— the material handles dynamic sun exposure during play without degrading.

The real risk is

leaving it abandoned in direct sun for long stretches

(e.g. on the substitute bench, on a car dashboard, on the field unattended). Static, intense exposure can affect the material over time.

Best practice:

when not in use during a game, keep it in its bag or in the shade.

3. Field use

- ✓ Check that the straps are properly adjusted and buckles secured **before stepping onto the field** .
- ✓ The mask is built for contact sports. The fit should be firm but never compressing tissue or causing pain.

- ✓ After a strong impact, **remove the mask and inspect it visually** before continuing play.
- ✓ Do not modify the mask — no drilling, sanding, painting, or structural changes without Digital Strings® approval.
- ✓ If the athlete feels discomfort, a shift in fit, or pain, stop using it and contact Digital Strings® or the treating physician.

4. Straps and buckles

- ✓ Inspect the straps **before every session** : look for wear, cuts, or loss of elasticity.
- ✓ Clean the straps with mild soap and water. Rinse well and air-dry.
- ✓ Plastic buckles are **replaceable** . Contact Digital Strings® if they show deformation, fractures, or loss of grip.
- ✓ **Correct fit:** buckle fully closed, strap firm but not marking the skin or restricting circulation.
- ✓ Do not over-tighten the straps to compensate for a poor shell fit — contact Digital Strings® instead.

5. Padding (Micropore)

- ✓ The Micropore padding sits directly against the skin: **strict hygiene matters** .
- ✓ Clean between replacements with a soft damp cloth. Don't soak it.
- ✓ Replace the Micropore when you see visible wear, persistent dirt, loss of adhesion, or skin irritation.
- ✓ Replacements are available through Digital Strings®. **Do not substitute with non-approved materials.**

6. Service life

- ✓ eSUN Hard-Tough UV resin offers strong impact resistance and structural durability.
- ✓ **Estimated service life: 12 to 18 months** under normal use and care (indicative; not a warranty — coverage is governed by the Warranty Policy).
- ✓ Inspect visually after impacts: look for cracks, fissures, or deformation in the shell.
- ✓ Cosmetic wear (surface scratches, slight color shifts) **does not compromise** protective function.
- ✓ If structural damage appears, stop using it immediately and contact Digital Strings® for evaluation.

7. Clinical note

Important

This is a

protective device

, not an immobilization device. Use in competition or training must be explicitly authorized by the athlete's treating physician.

- It does not replace the medical treatment indicated for the underlying injury.
- Any fit adjustment, modification, or component replacement must be coordinated with Digital Strings®.
- If persistent pain, fit changes, or new facial injury occur, stop using it and consult the physician.
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The mask is custom-built to the patient's anatomy: it must not be used by anyone else.

8. Contact and support

For questions about care, component replacement, fit, or warranty:

Email: info@digistrings.com · **Book a call:** Schedule a call · **Hours:** 9:00 – 18:00 GT

Edificio Narama, Local 121, 15 Avenida 16-14, Zona 13, Guatemala City, Guatemala. Response within 24 business hours.

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