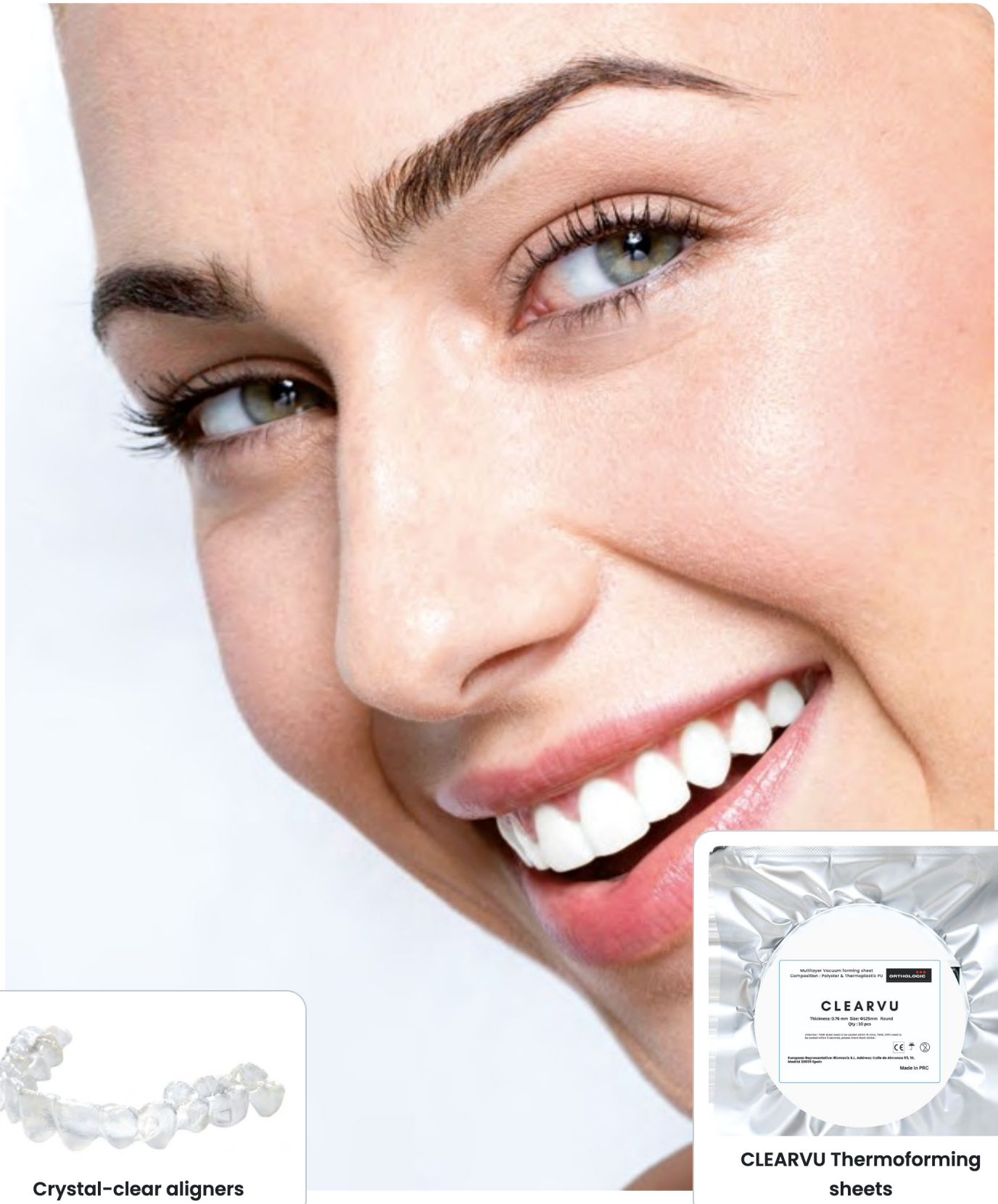
CLEARVU

DIGITAL SMILE SOLUTIONS



Crystal-clear aligners

CLEARVU Thermoforming sheets

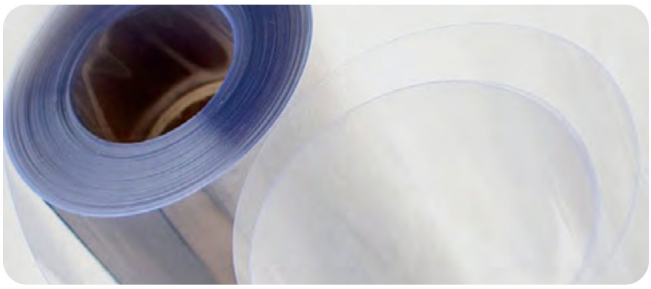
WHO WE ARE

Thermoforming sheets built for precision

CLEARVU by Orthologic supplies dental labs and clinics with high-clarity vacuum and pressure forming sheets. Every sheet is produced with controlled thickness and strict quality checks, so it forms cleanly, fits accurately and wears comfortably.

From single-layer PETG to multilayer TPU and dual hard-soft materials, one product line covers every appliance your lab makes.





APPLICATIONS

Thermoforming Applications

01

Clear aligners

Precise, comfortable fit for in-office and lab aligner production.

02

Aesthetic veneers

Tooth-shade sheets for natural-looking snap-on veneers.

03

Night guards

Hard-soft protection for patients with bruxism.

04

Sports guards

Soft, impact-absorbing EVA in a full range of colours.

05

Retainers

Durable, crack-resistant sheets for long-term wear.

06

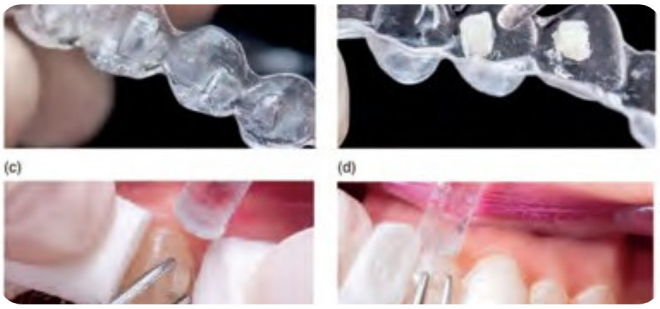
Whitening trays

Soft, clear EVA that forms easily and seals well.

⚠ **Handling note:** THSH sheets must be sealed within 15 minutes of opening; TSHS and STPU sheets within 5 seconds. Please check the sticker on the back of each pack.

Invisible Aligners





Also available in rolls — contact your distributor for more information.

PETG sheets

Material	Thickness	Size	Use for
PETG	0.6 · 0.8 · 1.0 · 1.5 · 2.0 mm	Ø120 / Ø125 mm 127 × 127 mm	Aligners, retainers

- Highly transparent — practically invisible when worn.
- Excellent durability under biting pressure.
- Good biocompatibility for long-term wear.
- Stain-resistant surface keeps appliances clear.
- Pre-dried and vacuum-packed to prevent moisture and bubbles.

TPU sheets

Material	Thickness	Size	Use for
Triple-layer TPU	0.63 · 0.76 mm	Ø120 / Ø125 mm	Aligners
Single-layer TPU	0.4 · 0.63 · 0.76 mm	Ø120 / Ø125 mm	Attachment templates, aligners

Triple-layer TPU

- Comfortable during tooth-movement stages.
- Sustained orthodontic force.
- Crack-resistant for long-term retainer use.
- Easy insertion and removal.

Single-layer TPU

- Medical-grade monolayer polyurethane resin.
- High wear resistance under repeated friction.
- Elastic and flexible — resists breakage and deformation.
- BPA-, phthalate- and gluten-free.

Veneers & Night Guards



VENEERS

Aesthetic veneer sheets

- Impact-resistant imported material for a longer service life.
- Smooth, flat surface — no bubbles or impurities.
- Multiple tooth shades to suit every patient.

Material	Shade	Thickness	Size	Use for
PETG	OM1 · A1 · A2	0.5 · 0.8 · 1.0 mm	Ø120 / Ø125 mm 127 × 127 mm	Snap-on veneers



NIGHT GUARDS

Stop the grind

Untreated bruxism leads to headaches, tooth damage and gum recession. CLEARVU dual hard-soft sheets protect while patients sleep.

- Hard outer layer resists biting force and impact.
- Soft inner layer for comfortable wear.
- Medical-grade, BPA-free material.

Material	Thickness	Size	Use for
Dual hard-soft	1.0 · 1.3 · 2.0 · 3.0 · 4.0 mm	Ø120 / Ø125 mm	Night guards (bruxism splints), bleaching trays

Sports & Whitening



SPORTS GUARDS

Protect every play

- Soft and elastic for a comfortable fit.
- Wear-resistant — keeps its shape over long use.
- Free of latex, BPA, gluten and monomer.
- Custom thickness and own-brand options available.

Material	Colours	Thickness	Size	Use for
EVA	Clear, black, white, grey, red, orange, yellow, green, blue, purple, mixed	3.0 · 4.0 mm	Ø120 / Ø125 mm 127 × 127 mm	Sports guards



WHITENING TRAYS

Soft, clear, easy to form

- Soft, clear EVA that forms easily.
- Free of latex, BPA, gluten, phthalates and monomer.
- Abrasion- and chemical-resistant for dental use.
- Sealed in moisture-barrier foil pouches for easy storage.

Material	Thickness	Size	Use for
EVA (clear)	1.0 · 1.5 · 2.0 · 3.0 mm	Ø120 / Ø125 mm 127 × 127 mm	Whitening trays, night guards, anti-snoring devices

CLEARVU RESIN

Dental model resin for aligner production

Two high-strength resins for printing the orthodontic models your aligners and appliances are formed on.



Washable Resin

WATER WASHABLE

- Water washable, high-strength formula.
- Heat distortion temperature 74.6 °C (0.45 MPa).
- Built for invisible orthodontic appliance production.



Universal Resin

ALCOHOL WASHABLE

- Excellent thermal stability.
- Tensile strength > 60 MPa, flexural strength > 90 MPa — resists pressure without breaking.
- Designed for invisible orthodontic appliance manufacturing.

Resin	Washing	Key properties	Colours	Pack
Washable Resin	Water	HDT 74.6 °C (0.45 MPa), high strength	Light grey, apricot, skin tone	1 kg bottle
Universal Resin	Alcohol	Tensile > 60 MPa, flexural > 90 MPa	Light grey, apricot, skin tone	1 kg bottle

CLEANING

Care products



Aligner / Retainer Cleaning Foam

- Kills 99.9% of common oral bacteria.
- Freshens breath.
- Helps whiten teeth.



Cleaning Tablets

- Easy to use and fast acting.
- Removes stains and odour from aligners, retainers and guards.
- Kills 99.9% of common oral bacteria.

ACCESSORIES

For aligner & retainer wearers



Aligner Box



Aligner / Retainer Case



Outie Tool



Chewies

ORDERING

Multilayer TPU quick reference

Code	Structure	Thickness	Size	Pack
THSH	3 layers	0.63 · 0.76 mm	Ø120 / Ø125 mm	10 pcs
TSHS	3 layers	0.63 · 0.76 mm	Ø120 / Ø125 mm	10 pcs
STPU	1 layer	0.4 · 0.63 · 0.76 · 1.0 mm	Ø120 / Ø125 mm	10 pcs

Composition (multilayer): polyester & thermoplastic polyurethane. Each pack is labelled with thickness, size and quantity.





Also available in large rolls — contact your distributor for more information.

Keep dry

Store sealed, away from moisture and direct sunlight.

Single use

Each sheet is intended to be formed once.

Seal on time

THSH within 15 min; TSHS & STPU within 5 s of opening.

Certifications: CE · FDA · ISO 13485 · GMP · BSCI · RoHS · UKCA · Patent

EC REP — European Representative: Riomavix S.L., Calle de Almansa 55, 1D, Madrid 28039, Spain.
Made in China

ORTHOLOGIC

CLEARVU CLARITY IN EVERY FORM

www.clearvu3d.com