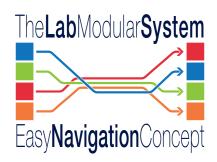
# Service Centre









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## **2.1** SUPRA NYLON CORDS AND PLASTIC STRIP

### For supra frames assembly

#### CLEAR SUPRA NYLON CORDS



**Ref. 01232** Ø 0,4 mm **Ref. 01235** Ø 0,5 mm **Ref. 01233** Ø 0,6 mm **Ref. 01234** Ø 1.0 mm For metal and plastic frames

# 4 m FIGURE "8"

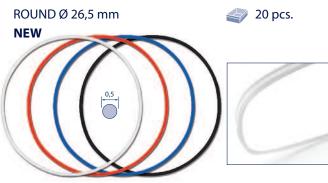
Ref. 01242 For metal frames



For metal and plastic frames

#### ■ SILICONE GASKET FOR AIR-RIM

#### ■ PLASTIC STRIP FOR SUPRA FRAMES ASSEMBLY



Ref. 01263 Clear

01261 Red

01262 Blue

01264 Black





Nylon Holding Plier 03465 to pull the nylon liner



Nylon Press-in Plier Ref. 03470 to press in the figure "8" liner



Mounting Hook Ref. 03480 To insert the liner into the groove of the lens



Plastic strip Ref. 01249 to insert the liner into the lens groove

#### Ref. 01870

**SUPRA KIT** 

- Supra nylon cord Ø 0,5 mm clear Ref. 01235
- "Figure 8" Supra Liner clear. Ref. 01242 "Figure T" Supra Liner clear. Ref. 01243
- Nylon Holding Plier Ref. 03465
- Nylon Press-in Plier Ref. 03470
- Mounting Hook Ref. 03480

Tray included, suitable for new LMS Cube.





### LENS AND FLEX SIDES WASHERS





Centrestyle\*

To block and seal screws and nuts









be used up.

### **ADHESIVES FOR FRAMES**

Cyanoacrylate adhesives - Glue Remover

**ACETATE** 

**OPTYL** 

**GRILAMID** 

Ref. 01423

① 2"÷ 30"

ergo® 5300

Instant superglue - 20 g

Complete hardening after 24 hours, for best chemical and mechanical resistance.

**RUBBER - NEOPRENE** 

UNIVERSAL FOR PLASTIC - RUBBER METAL LEATHER



Ref. 01422 ergo® 5012

Instant superglue - 5 g ① 2" ÷ 30"

UNIVERSAL FOR PLASTIC - RUBBER METAL LEATHER



**Ref. 01405** LOCTITE 401

Instant superglue - 5 g \$\mathbb{G}\$ 1" \div 45" GEL

PLASTIC - METAL POLYCARBONATE PROPRIONATE NYLON



Ref. 01424 Viscous Gel

Instant superglue - 3 g ① 2" ÷ 30" **GLUE REMOVER GEL** 

UNIVERSAL FOR CYANOACRYLATE GLUES



Ref. 01429 Liquid Gelergo® 9153

Does not leak - 20 g \$\infty\$ 60' \div 90' min.

The gel's consistency makes it suitable for application on any surface, even vertically.

The glue point is constantly under control.

**FIRST AID** 

A selection of adhesives and thread locks for the most common applications, for emergency repairs until the replacement frame is ready. Job tray included.

Ref. 01874 Composed of:

THREAD LOCK ADHESIVES FOR FRAMES ADHESIVES FOR LENSES GLUE REMOVER GEL Ref. 01436 Ref. 01423 Ref. 01426 Ref. 01429



## **2.2** ADHESIVES FOR LENSES

Cyanoacrylate adhesives and silicone glue











4 pcs.

4 pcs.

### **UV GLUE FOR RIMLESS FRAMES**

Transparent gel for filling in rimless drill holes

**FOR PLASTIC AND METAL FRAMES OR LENSES** 

Ideal for filling in rimless drill holes, suitable on any kind of material.

The transparent gel hardens through UV rays and can be drilled once completely dried.

The glue hardens only under UV rays in approx. 10-12 minutes. It must completely crystallize before it can be further processed. The crystallization process normally takes 24 hours. The UV lamp reduces the crystallization time to approx. 2 minutes and guarantees perfect transparency.



#### Ref. 01419

UV-FIX

With dispensing needle - 10 g ① 10' ÷ 12' min.

SPARE PART Ref. 01419A Dispensing needle for Ref. 01419 4 pcs.

### Ref. 01418

UV-FIX

Syringe - 3 g ① 10' ÷ 12' min.

**ACCESSORIES** Ref. 01419S Support for Ref. 01419 1 pc.



### UV lamp for quick crystallization

• With 4 UV tubes - Power 9W each tube

• Automatic switch off after 90 or 120 seconds

#### Ref. 05048.1

UV tube 9W

Power supply: 230V ac Power consumption: 36W Dimensions: 220x265x100 mm Inner dimensions: 145x145x53 mm Weight:1.7 kg.

The worktop is extendible and the user is protected from the UV rays.





### **2.3** LENS AND FRAME CLEANING IN THE LAB

### Concentrated detergents for ultrasonic cleaners

Do not corrode the frames or lenses High cleaning capacity, enhanced by the mechanical effect of the ultrasound



Ultrasonic cleaners employ high frequency energy that is generated electronically by a transmitter in the unit. The electrical energy is then transformed into sound waves by a device known as a transducer. Ultrasonic cleaners are easy to operate, require no maintenance and are economical to utilise due to the semiconductors technology. They are the ideal equipment for the cleaning of frames and parts.

### **ACTIVE LIQUID WITH ANTIBACTERIAL PROPERTIES**

Thanks to its active enzymes, this detergent can also be used without ultrasonic cleaner, just with lukewarm water. Its antibacterial properties sanitize the spectacles.

Made in italy - 100% NO ALCOHOL

Ref. 06859 1 litre bottle

Add one/two cupfuls of detergent to 1 litre of water



Cleaning concentrate specifically for ultrasonic cleaners. Made in Germany.

#### Ref. 05491 1 litre bottle

Add one/two cupfuls of detergent to 1 litre of







### LENS AND FRAME CLEANERS

Spray Clean with antibacterial properties, 0% alcohol

Sanitizing detergent for frames and lenses, suitable for AR coated lenses. Wipe dry with Macroclean microfiber cloth

# INSTRUCTIONS FOR THE USE OF YOUR SPECTACLES

#### **CLEANING**

Use only recommended products and liquid neutral cleaners and wipe dry with a suitable cloth.

Use water if you do not have any recommended products. Do not use corrosive agents, neither alcohol or non-specific detergents, unless otherwise indicated.





### ANTIBACTERIAL SPRAY CLEAN

Ref. 11930 3 bottles da 150 ml each

**Ref. 11935**Refill - 1 litre bottle



### MICROFIBRE GLOVES

**Ref. 10490** White Medium size 1 pair

Centrestyle\*



#### KING SIZE MICROFIBRE

35x40 cm For the practice, the optical workshop and retail gift.

#### Ref. 11992

6 pcs. assorted colours: grey, light brown, green Individually packed.







### To remove marks from progressive lenses

### **SUPPLYING THE GLASSES TO THE CUSTOMER**

The presence of the original markings on progressive lenses allows to check the correct position of the optical centres.

After this, marks can be easily removed with the Ink Remover Pen (Ref. 06974) or with the Ink Remover Spray (Ref. 06976).



Centro Style marking ink cleaning is suitable for all types of lenses, AR coated, teflon® treated, progressive CR39 and PC lenses. Spray onto the lens and wipe with a microfiber cloth.

#### INK REMOVER PEN



INK REMOVER

#### ■ INK REMOVER BOTTLES FOR THE PRACTICE AND THE LAB

**SPRAY** Ref. 06976 Bottle 150 ml 3 pcs./pkg.

**REFILL** Ref. 06857 Bottle 1 litre 1 pc.





### To mark lenses

#### WATERPROOF PERMANENT MARKER PENS FOR NORMAL LENSES



#### Ref. 06950

Red, extra-fine 0.4 mm 5 pcs.

#### Ref. 06952

Black, extra-fine 0.4 mm 5 pcs.



wasserfest auf fast allen Flachen + CD/DVD • waterproof on most surfaces + CD/DVD • rei

#### Ref. 06960

Red, fine 0.6 mm 5 pcs.

#### Ref. 06962

Black, fine 0.6 mm 5 pcs.



wasserfest auf fast allen Flächen • lichtbestä wäterproof on most surfaces • lightfast

#### SPECIAL MARKERS





#### FOR TEFLON® COATED LENSES / SUPER-HYDROPHOBIC

#### Ref. 06964

Black, extra-fine 0.4 mm 5 pcs.



wasserfest auf fast allen Flächen + CD/DVD • n waterproof on most surfaces + CD/DVD • refili indélébile sur la plupart des surfaces + CD/DVD

#### Ref. 06965

Black, fine 0.6 mm 5 pcs.





for many special surfaces , waterproof , lightfast pour la plupart des surfaces spéciales , indélébile , ré

#### NEW Ref. 06966

Red, fine 0.6 mm 5 pcs.



wasserfest auf fast allen Flächen • nachfüllba waterproof on most surfaces • refillable indélébile sur la plupart des surfaces • rechar



#### WATER SOLUBLE NON PERMANENT MARKER

#### Ref. 06970

Black, extra-fine 0.4 mm Ideal to mark Press-On™. 5 pcs.



#### INK FOR CENTERING DEVICES



#### LAQUER FILLED PEN

#### Ref. 06967

White, medium 0.8 mm = Prevents light transmission 2 pcs.





#### **INK FOR LENSMETERS**

Ref. 06982

Red 40 ml

1 pc.

### **2.4** RIPPLED BLOCKS AND LENS CLAMP ADAPTOR

For Automatic Lens Edgers

#### FOR W./B. HAND EDGERS



Ref. 07368 Ø 25 mm. Block Ø 16 mm 10 pcs.



Ref. 07369 25x20 mm Block Ø 16 mm 10 pcs.



Ref. 07367 25x17 mm Block Ø 15 mm 2 pcs.



**NEW** Ref. 07370 Ø 25 mm. Block Ø 16 mm 2 pcs.



Ref. 07362 25x19 mm Block Ø 16 mm 2 pcs.



Ref. 07375 Ø 25 mm Block Ø 14 mm 5 pcs.



Ref. 07376 Ø 18 mm Block Ø 14 mm 5 pcs.



FOR N. HAND EDGERS

Ref. 07380 30x17 mm Block Ø 12 mm 5 pcs.



Ref. 07381 20x15 mm Block Ø 12 mm 5 pcs.



FOR E. MR. B./O. HAND EDGERS

Ref. 07378 Ø 22 mm Block Ø 15,5 mm 10 pcs.



Ref. 07379 18x14 mm Block 15,5x14 mm 10 pcs.



FOR E.K. ETG. HAND EDGERS

Ref. 07371 Ø 25 mm Block Ø 15,5 mm 20 pcs.



Ref. 07372 Ø 18 mm Block Ø 15,5 mm 10 pcs.



FOR H. TZ. HAND EDGERS

Ref. 07388 25x17 mm 4 pcs. (2 pairs) NEW



Ref. 07389 20x17 mm 4 pcs. (2 pairs) NEW



14

Flexible Lens Clamp Adaptor for W.B.



**NEW** Ref. 07384 Ø 25 mm 2 pcs.



**NEW** Ref. 07385 Ø 19 mm 2 pcs.



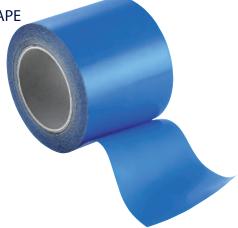


Used in conjunction with blocking pads to prevent lens slippage

**BLUE ROUND PROTECTOR DISKS** Ø 30 mm Ref. 07330 1000 pcs.



**SURFACE SAVER TAPE** L 10 cm x 35 m Ref. 07329 1 pc. **NEW** 



Adhesive protector

FOR RIMLESS FRAME ASSEMBLY

Ref. 07327

Ref. 07331

100 pcs.



**NEW** 

Clear 32x17 mm

Holes D=2,0 mm Slot 7x3 mm





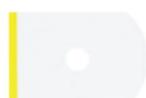
For lenses with hydrophobic and super-hydrophobic coating

Ref. 07334

FOR LENS CURVES UP TO BASE 6 / +4.5 DPT.

500 pcs.





500 pcs.

Ref. 07335

500 pcs.



FOR LENSES WITH HIGH WRAP-AROUND INCLINATION

Ref. 07333 500 pcs.



Clear elliptical 40x26 mm

FOR VERY SLIPPERY SUPER-HYDROPHOBIC **LENSES** 

Ref. 07339 500 pcs.



Provides excellent adhesion to hydrophobic and super-hydrophobic lens coatings to prevent lenses from "twisting" and "slipping" off-axis while edging.



**INSTRUCTIONS FOR USE** With common adhesive pads apply one disc to each side of the lens. With hydrophobic and super hydrophobic adhesive pads apply only one disk to the inside of the lens.

## **2.4** FOR COATED LENSES

Thickness **0,4** mm - 3M Quality CR39, High Index, Shatterproof, Glass lenses

- Excellent torque force resistance
- Excellent adhesion
- Ideal for standard lenses

#### FOR SMALL AND HALF-EYE LENSES

20x24 mm Ref. 07359 1000 pcs.

For W and B edgers - 0,4 mm

For W and B edgers - 0,4 mm

#### FOR SMALL AND HALF-EYE LENSES



Ø 18 mm Ref. 07352

1000 pcs.

Ø 24 mm Ref. 07357 FOR FULL-EYE LENSES



For E and TP edgers - 0,4 mm

For E and TP edgers - 0,4 mm

For E and TP edgers - 0,4 mm



14x21 mm Ref. 07353 1000 pcs.

**NEW** 

Ø 22 mm Ref. 07343

**NEW** 



#### FOR FULL-EYE LENSES

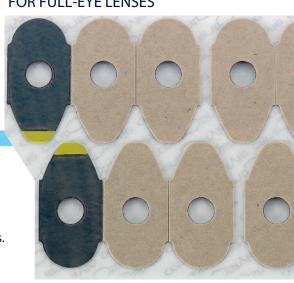


For N edgers - 0,4 mm

17x31 mm

Ref. 07351 1000 pcs.

**NEW** 





### FOR COATED LENSES

Thickness **0,6** mm - 3M Leap™ III CR39, High Index, Shatterproof, Glass lenses

- Excellent torque force resistance
- Excellent adhesion
- Ideal for lenses with thin centre (negative powers)





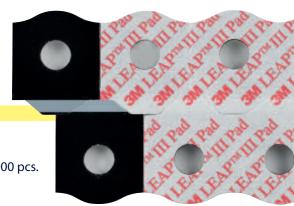
18x24 mm Ref. 07349 1000 pcs.

For W and B edgers - 0,6 mm

24x24 mm Ref. 07345

1000 pcs.

#### FOR FULL-EYE LENSES



#### FOR SMALL AND HALF-EYE LENSES



Ø 18 mm Ref. 07348 1000 pcs.

Ø 24 mm Ref. 07344

NEW

2000 pcs.

For E and TP edgers - 0,6 mm

Ø 26 mm Ref. 07346 1000 pcs.

#### FOR FULL-EYE LENSES





#### FOR FULL-EYE LENSES



For N edgers - 0,6 mm

17x31 mm Ref. 07347





### **2.4** FOR COATED LENSES

Thickness **0,8** mm CR39, High Index, Shatterproof, Glass lenses

# FOR SMALL AND HALF-EYE LENSES -tyle centi

20x24 mm Ref. 07354 1000 pcs.

- Very good torque force resistance
- Very good adhesionExcellent quality/price ratio
- Ideal for lenses with thin centre (negative powers)

For W and B edgers - 0,8 mm

For W and B edgers - 0,8 mm

#### FOR SMALL AND HALF-EYE LENSES



Ø 18 mm Ref. 07350

1000 pcs.

Ø 24 mm Ref. 07356

1000 pcs.

#### FOR FULL-EYE LENSES



For E and TP edgers - 0,8 mm

For E and TP edgers - 0,8 mm

For E and TP edgers - 0,8 mm



14x21 mm Ref. 07341 1000 pcs.

Ø 22 mm

Ref. 07340

**NEW** 



#### FOR FULL-EYE LENSES



For N edgers - 0,8 mm

17x31 mm Ref. 07355

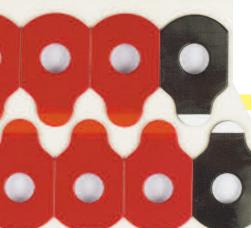


### FOR HYDROPHOBIC LENSES

Thickness **0,8** mm - Optisafe® CR39, High Index, Shatterproof, Glass lenses

#### FOR SMALL AND HALF-EYE LENSES

- Excellent torque force resistance
- Excellent adhesion
- Ideal for standard lenses



18x29 mm Ref. 07314 1000 pcs.

For W and B edgers - 0,8 mm

For W and B edgers - 0,8 mm

#### FOR SMALL AND HALF-EYE LENSES



Ø 18 mm **Ref. 07312** 1000 pcs.

> Ø 24 mm Ref. 07310 1000 pcs.

#### For E and TP edgers - 0,8 mm



14x21 mm **Ref. 07313** 1000 pcs. **NEW** 

> Ø 22 mm Ref. 07311 1000 pcs. **NEW**

#### FOR FULL-EYE LENSES



For E and TP edgers - 0,8 mm



#### FOR FULL-EYE LENSES



For N edgers - 0,8 mm

17x31 mm Ref. 07315 1000 pcs.



# **2.4** FOR SUPER-HYDROPHOBIC LENSES

Thickness **0,8** mm - Secur Edge® Plus CR39, High Index, Shatterproof, Glass lenses

#### FOR SMALL AND HALF-EYE LENSES



18x29 mm **Ref. 07324** 1000 pcs.

- Excellent torque force resistance
- Excellent adhesion: with dual adhesive system: one side for the slippery lens surface and one side for the block.
- This prevents slippage during the edging process, yet the pads are easy to remove without any residue.
- Ideal also for standard lenses

For W and B edgers - 0,8 mm

For W and B edgers - 0,8 mm

#### FOR SMALL AND HALF-EYE LENSES

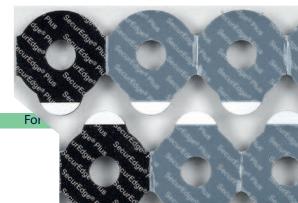


Ø 18 mm **Ref. 07322** 1000 pcs.

For E and TP edgers - 0,8 mm

Ø 24 mm Ref. 07320 1000 pcs.

### FOR FULL-EYE LENSES



### FOR FULL-EYE LENSES



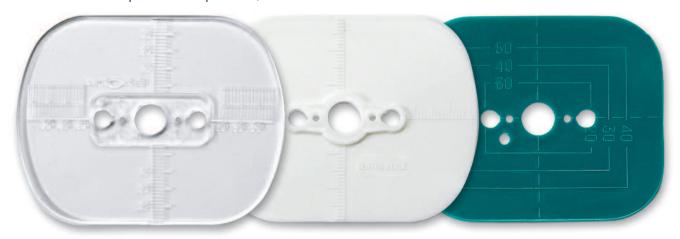
For N edgers - 0,8 mm

For N edgers - 0,8 mm

17x31 mm Ref. 07325 1000 pcs.



To be shaped with punch, miller cutter or scissors



#### Ref. 07400

Trasparent - Shape with punch cutter or scissors. Dim.: 75x60x1.5 mm - 250 pcs.

#### Ref. 07410

White - Shape with punch cutter or scissors. Dim.: 75x60x1.5 mm - 250 pcs.

#### Ref. 07420

Green - Shape with miller cutter. Dim.: 70x58x2.3 mm - 250 pcs.



Ref. 03782 Scissor for easy pattern cutting

#### Ref. 06852

60 gr.

A broad spectrum powder defoamer, BPI NO FOAM™ controls foam build up in glass and plastic surfacing and edging operations. Long lasting and readily dispersable, NO FOAM™ is an economical solution to ophthalmic foaming problems. Dilute one bottle top in 20 litres of water.



CR39 Demo lenses for supra and rimless frames

■ Base **B** 4Ø 73 mm

Ref. 06676 →((← 2,0 mm 50 pcs.

Base B 6 Ø 73 mm

Ref. 06663 →((← 1,8 mm 50 pcs.

Ref. 06662 →((← 2,2 mm 50 pcs.

Base B, 8





### **2.5** LENS MAKE UP

Ref. 07150 Black col. A

Multicolour edge customising: an exclusive service!

#### LENS MAKE UP is a special felt pen to decorate:

- The lens edge of rimless and supra glasses. Suitable for CR39, crystal, polycarbonate and acrylic lenses.
- Each pen can colour up to 300-500 lens pairs.

. Grey (a). 5330 Ref. 07160

Ref. 07153, 5340 Brown col. 5340

**ker.u.11.24** (MEM) Dark Green col.5332

Ref. 07161, 5339

Ref. 07154

• Available in 12 classic and fashion colours and one corrector pen to easily remove old colour or correct mistakes.

### NACREOUS COLOURS Ref. 07155 NEW Love Red col. 5632 Ref. 07156 NEW Precious Perl col. 5627 Ref. 07157 NEW Future Blue col. 5636

#### CORRECTOR PEN

#### Ref. 07177 Corrector pen to easily remove colour. Ideal for

polycarbonate lenses

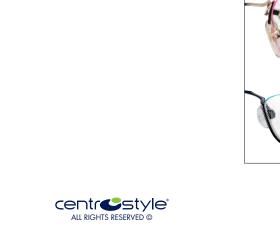


#### MAKE UP LENS KIT Ref. 07180 Assortment of 12 pens one each colour, corrector

included.









Felt pens to retouch frames - Multicolour metallic paints

#### FRAME MAKE UP is a special felt pen to:

- Colour frames
- · Colour screws, pad arms or other parts
- Retouch scraped parts
- Retouch sweat-eaten temples.



- · Clean thoroughly the part to be repaired.
- · Shake felt pen very well before use.
- · Press felt and apply colour onto the frame.
- Allow to air dry for 15 minutes.
- Warm in frame heater to speed up drying.
- The transparent corrector pen Ref. 07198 will easily turn any colour satin finish into a matt finish.





#### CORRECTOR PEN

#### Ref. 07198

Transparent corrector pen to turn a satin finish into a matt finish.

#### MAKE UP FRAME KIT

#### Ref. 07199

Full assortment of 12 pens (one each colour). Includes one free transparent corrector pen Ref. 07198.





For customising your frames, contents 12 ml.



### **POLISHING COMPOUNDS**

For polishing and glossing of metal and plastic

#### ■ HARD POLISHING - MATT FINISH FOR ACETATE AND METAL FRAMES



**Ref. 05280** Ivory compound - 300 g For acetate frames



Ref. 05285 White compound - 300 g For white metal frames and CR39 lens edges

- Apply polishing compound in a thin even layer to mop. Repeat frequently.
- Slightly increase pressure when processing glass lenses.
- After polishing wipe off compound residuals with a soft cloth.
- Clean frame in ultrasonic bath.



#### FINE POLISHING AND GLOSSING FOR ACETATE AND METAL FRAMES



**Ref. 05281**Beige compound - 250 g
For acetate frames
and glass lens edges



**Ref. 05286** Green compound - 300 g For white metal frames



Ref. 05290 Red compound - 250 g For gold metal frames

#### LENS EDGE POLISHING AND GLOSSING



Ref. 05291 Ivory compound - 300 g For polycarbonate lenses.



**Ref. 05293**High lustre compound for a brilliant finish. CR39 and polycarbonate lenses.
100 q

### **2.6** POLISHING WHEELS AND COMPOUNDS FOR FRAMES

For polishing and glossing metal and plastic frames

#### ACETATE FRAMES

#### Ref. 01880

SET OF WHEELS AND COMPOUNDS FOR ACETATE FRAMES Wheels: Ref. 05200, 05205, 05225 Compounds: Ref. 05281, 05280. Tray included, suitable for new LMS Cube.



#### FOR WHITE OR GUN METAL FRAMES

#### Ref. 01882

SET OF WHEELS AND **COMPOUNDS FOR WHITE** OR GUN METAL FRAMES Wheels: Ref. 05200, 05205, 05225 Compounds: Ref. 05285, 05286. Tray included, suitable for new LMS Cube.



#### GOLD METAL FRAMES

#### Ref. 01884

SET OF WHEELS AND COMPOUNDS FOR GOLD **METAL FRAMES** Wheels: Ref. 05200, 05205, 05225 Compounds: Ref. 05290. Tray included, suitable



#### CLEANING AND DE-SCALING BRUSHES

#### Ref. 05235

Brass wire Ø 90 mm **→** 8 mm Bore Ø 6.5 mm

for new LMS Cube.

#### POLISHING MOPS

#### Ref. 05205

Cotton Ø 120 mm ► 10 mm Bore Ø 8 mm

#### Ref. 05220

Cotton Ø 100 mm ► 6 mm Tapered bore from Ø 8 to 6.5 mm





### POLISHING STEPS



Technical advice

#### **POLISHING**

Apply gentle pressure to avoid overheating.

#### FINE POLISHING

Apply gentle pressure to avoid overheating. Use a thin layer of compound frequently.

#### **GLOSSING**

Apply gentle pressure to avoid overheating. After glossing always wipe off compound residue with a soft cloth. Clean in ultrasonic bath.

#### Wheels



Ref. 05205 Ref. 05220 Cotton



Ref. 05280 Ivory

Compounds





Ref. 05200 Ref. 05221 Flannel



Ref. 05281 Beige





Ref. 05225 Soft cotton



Ref. 05281 Beige



#### **POLISHING**

**GLOSSING** 

bath.

Apply gentle pressure to avoid overheating.



Ref. 05205 Ref. 05220 Cotton



Ref. 05285 White





Apply gentle pressure to avoid overheating. Use a thin layer of compound regularly.

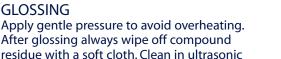


Ref. 05200 Ref. 05221 Flannel



Ref. 05286 Green







Ref. 05225 Soft cotton



Ref. 05286 Green



#### HARD POLISHING

Apply gentle pressure to avoid overheating.



Ref. 05235 Brass wire







**POLISHING** 

Apply gentle pressure to avoid overheating.



Ref. 05205 Ref. 05220 Cotton



Ref. 05290 Red



**FINE POLISHING** 

Apply gentle pressure to avoid overheating. Use a thin layer of compound regularly.



Ref. 05200 Ref. 05221 Flannel



Ref. 05290 Red



**GLOSSING** 

Apply gentle pressure to avoid overheating. After glossing always wipe off compound residue with a soft cloth. Clean in ultrasonic bath.



Ref. 05225 Soft cotton



Ref. 05290 Red



#### ■ FINE POLISHING MOPS

Ref. 05200 Flannel

Ø 120 mm ► 10 mm Bore Ø 8 mm

Ref. 05221

Flannel Ø 100 mm ► 6 mm Tapered bore from Ø 8 to 6.5 mm

#### GLOSSING MOP

Ref. 05225

Soft cotton Ø 100 mm → 35 mm Tapered bore from Ø 9 to 6.5 mm Reinforced wooden centre

Ref. 05224 **NEW** Soft cotton cone Ø 18-30 mm **→ 1**75 mm Tapered bore from Ø 9 to 6.5 mm Reinforced wooden centre Ideal for bridges.





### **2.6** POLISHING WHEELS AND COMPOUNDS FOR LENSES

For polishing and glossing CR39, polycarbonate or glass lenses

#### CR39 LENSES



#### **■ POLYCARBONATE LENSES**

#### Ref. 01886

SET OF WHEELS AND COMPOUNDS FOR CR39 AND POLYCARBONATE LENSES Wheels: Ref. 05225, 05226, 05228 Compounds: Ref. 05285, 05291, 05293. Tray included, suitable for new LMS Cube.

#### GLASS LENSES

#### ■ CR39 AND POLYCARBONATE LENS POLISHING



Ref. 05226 Hard felt for flat edge polishing. Ø 100 mm ► 20 mm Bore Ø 6 mm



Ref. 05228

Hard felt, for bevel and flat edge polishing.
Ø 70 mm ► 20 mm

Bore Ø 6 mm



## **POLISHING STEPS**



Technical advice

#### **POLISHING**

Apply gentle pressure to avoid overheating. Use a thin layer of compound. Apply frequently.



Ref. 05226 Hard felt

Wheels



**Ref. 05285** White

Compounds





**Ref. 05228** Hard felt with groove



Ref. 05285 White



#### **GLOSSING**

Apply gentle pressure to avoid overheating. After glossing, always wipe off compound residue with a cloth. Clean in ultrasonic bath.



**Ref. 05225** Soft cotton



**Ref. 05293** High lustre compound



#### **POLISHING**

Apply gentle pressure to avoid overheating. Use a thin layer of compound. Apply frequently.



Ref. 05226 Hard felt



Ref. 05291 Ivory





**Ref. 05228** Hard felt with groove



Ref. 05291 Ivory



#### **GLOSSING**

Apply gentle pressure to avoid overheating. After glossing, always wipe off compound residue with a cloth. Clean in ultrasonic bath.



Ref. 05225 Soft cotton



**Ref. 05293** High lustre compound



#### **FINISHING**

Apply slightly more pressure.



**Ref. 05250** Rubberised grinding wheel



No compound required



#### **POLISHING**

Apply slightly more pressure, keep lens turning. After polishing always wipe off compound residue with a cloth. Clean in ultrasonic bath.



Ref. 05226 Hard felt



**Ref. 05281** Beige





**Ref. 05228** Hard felt with groove



**Ref. 05281** Beige



#### ■ FOR COMPACT GLOSSING WITH COMPOUND

#### Ref. 05225

Soft cotton
Ø 100 mm ► 35 mm
Tapered bore from Ø 9 to 6.5 mm
Reinforced wooden centre





#### ■ GLASS LENS POLISHING

#### Ref. 05250

Rubberised wheel for finishing the edge of glass lenses. No compound required. Ø 100 mm ► 15 mm
Plastic centre. Supplied with two plastic interchangeable centres bore Ø 8 and 10 mm



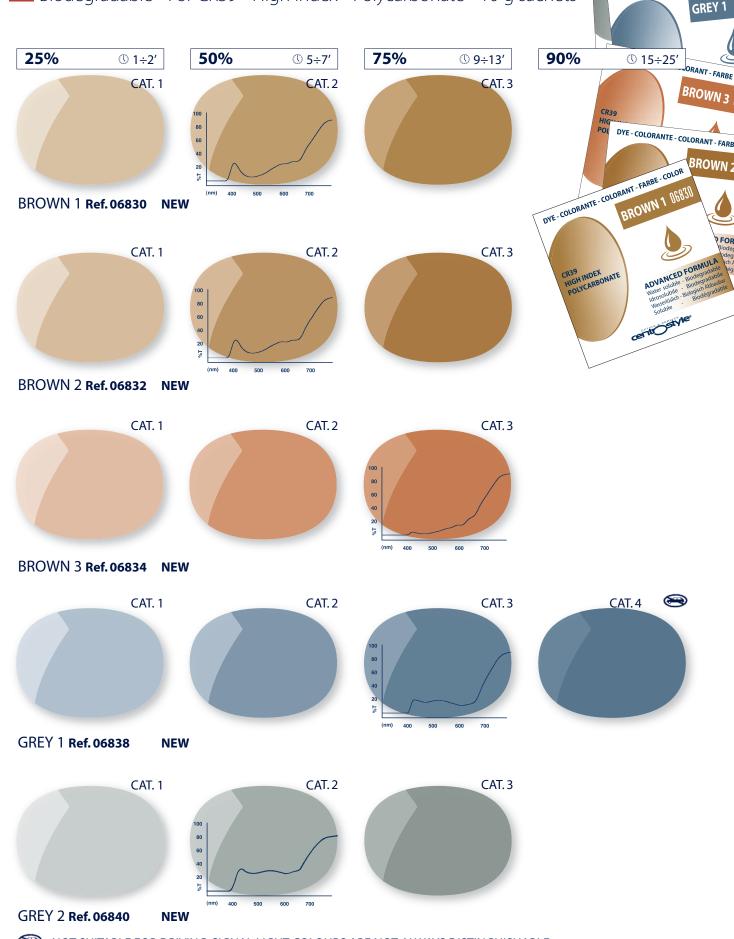
## **2.7** WATER-SOLUBLE DYEING POWDERS

Biodegradable - For CR39 - High index - Polycarbonate - 10 g sachets

DYE - COLORANTE - COLORANT - FARBÉ - COL

DYE - COLORANTE - COLORANT - FARB

GREY 2



MOT SUITABLE FOR DRIVING. SIGNAL LIGHT COLOURS ARE NOT ALWAYS DISTINGUISHABLE.



- COLOR

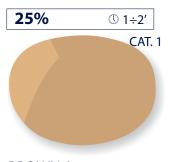
COLOR

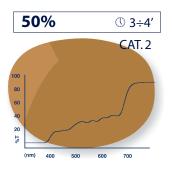
E-COLOR 2 06832

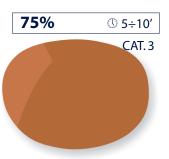
06838

# **2.7** LIQUID DYES FOR HIGH INDEX

For CR39 - High index - Polycarbonate - 50 ml





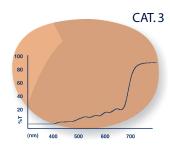


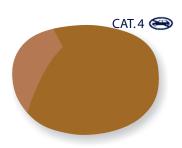


BROWN A Ref. 06900

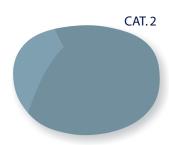


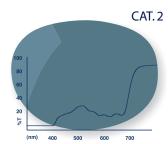
CAT. 2

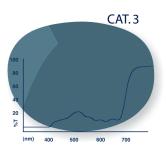




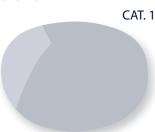
CAT. 1

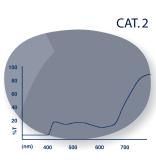


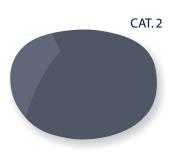




GREY B Ref. 06906 BLUE GREY









DARK GREY Ref. 06903

#### ■ SPECIAL COLOUR BLACK 100%

- Dense tints for lenses are to be used under extreme conditions.
- This dye is also very useful to darken or deepen an existing colour.
- This colour is not suitable for use when driving (Cat. 4).
- Not suitable for low percentage intensity tints as red, blue or green tones will dominate.

#### **INSTRUCTIONS**

- Dye up to 70% using DARK GREY (Ref. 06903)
- Dip the lens for about 20 minutes into BLACK 100%
- Dip again into DARK GREY (Ref. 06903).
- Wash lens holder and lenses thoroughly between steps.
- Total time required: about 30 minutes.

Printed colours may vary from actual lens tint.

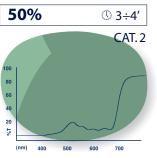


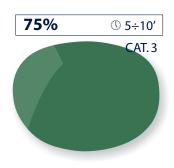
BLACK Ref. 06907

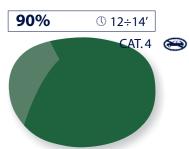


# LIQUID DYES FOR HIGH INDEX

For CR39 - High index - Polycarbonate - 50 ml

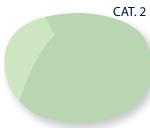




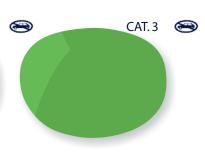




GREEN/GREY Ref. 06908



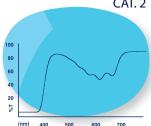
CAT.3

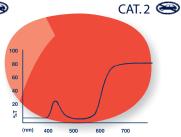


**GREEN Ref. 06909** 

25% ⊕ 3÷5′ CAT. 2 😂

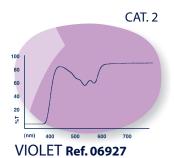
25% ⊕ 3÷5′





COBALT Ref. 06910

RED Ref. 06914



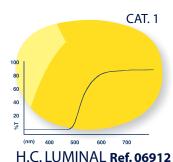
#### **INSTRUCTIONS**

- Dissolve the contents of one sachet into 1 litre of distilled water at 60 °C.
- Heat solution to 95°C and dip lens in.
  Different hues can be obtained by varying the dipping times.

When high index and polycarbonate lenses have a coating suitable for tinting, the tinting times are longer.



SPECIAL HIGH CONTRAST DYES



NIGHT DRIVING ONLY UP TO 12%

SPACE OPTIMIZATION **QUICK PRODUCT** 

**IDENTIFICATION** 





# 2.7 BPI LIQUID DYES FOR LENSES

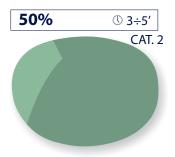
Molecular catalytic dyes™ for CR39 - 50 ml

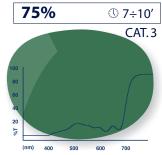


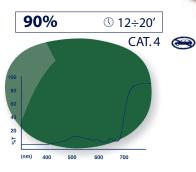


# **BPI LIQUID DYES FOR LENSES**

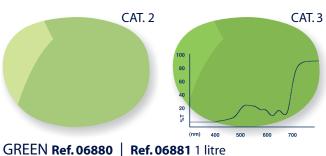
Molecular catalytic dyes™ for CR39 - 50 ml







GREEN/GREY Ref. 06883

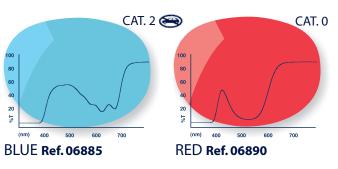


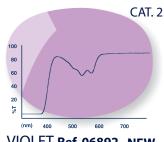
**INSTRUCTIONS FOR USE** 

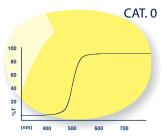
- Dissolve the contents of one sachet into 1 litre of distilled water at 60°C.
- Heat solution to 95°C and dip lens in.
- Different hues can be obtained by varying the dipping times.
- Check the UV transmission with our UV & Visible Spectrotester Ref. 05052.

Printed colours may vary from actual lens tint.









VIOLET Ref. 06892 NEW

YELLOW Ref. 06898 SUITABLE FOR NIGHT DRIVING

→((← 2,2 mm

### Clear CR39 lenses for tinting

Base **B** 6 | Ø 73 mm | UV360 | Cat. 0 12 pcs.

Ref. 06665 Ref. 06660 Ref. 06661 →((← 1,8 mm →((← 1,8 mm →((← 2,2 mm

Base **B**, **8** | Ø 76 mm | UV360 | Cat. 0 12 pcs. Ref. 06664 Ref. 06668 Ref. 06675

→((← 1,8 mm

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→((← 2,9 mm

### 2.7 BEFORE AND AFTER TINTING

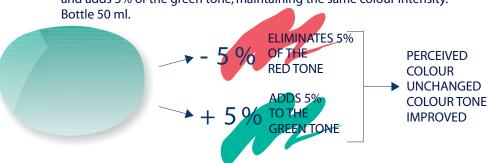
No Red - Pre-Tinting - UV Diamond Dye 400 XL

#### ■ HOW TO ELIMINATE RED TONES WITH "NO RED"

#### Ref. 06932

NO RED is a special correcting liquid which eliminates one of the most common dye problems of red tones in dark grey or brown tints. It eliminates 5% of the red tone and adds 5% of the green tone, maintaining the same colour intensity.





#### **INSTRUCTIONS**

- Mix the contents of 1 bottle with 1 litre of distilled water heated to 60°C
- Heat solution to 92°C-95°C and dip lens in for a few seconds.

#### PRE TINTING



#### Ref. 06855

Recommended when tinting polycarbonate, high index and CR39 lenses. Prepares lenses for tinting:

- Dissolves oil and grease
- Speeds up the dye cycle.
- 1 litre bottle, ready for use.

#### **INSTRUCTIONS**

- Heat the contents to 85°C-88°C
- Dip the lens in for 5 minutes.

#### UV DIAMOND DYE 400 XL



#### Ref. 06945

- Absorbs up to 99% of UV light under 400 nm.
- Increases scratch resistance.

Lens will not turn yellow and no oven required.

Bottle 450 ml.

#### INSTRUCTIONS

UV treatment must be applied before tinting.

- Mix equal parts with distilled water.
- Heat to 92°C-95°C in a clean container
- Thoroughly clean the lens with PRE TINTING (Ref. 06855).
- Using a clean lens holder, immerse the lens for 10-15 min.

Immersion time varies according to the thickness of the lens.



### NEUTRALIZER SOLUTIONS AND COATING REMOVER 2.7



Coating Remover and neutralizer solutions for CR39, polycarbonate and high index

#### COATING REMOVER



#### Ref. 06856

For removing anti-reflection coating on CR39 lenses. Not recommended for use on hard coated lenses.

1 litre bottle, ready for use - do not dilute or mix with water.

#### **INSTRUCTIONS**

- Use cold.
- Pour the liquid into a glass or plastic beaker.
- Using a dedicated lens holder, dip lens for 5-10 minutes, remove from time to time to check.
- Rinse the lens with water.

#### ■ NEUTRALISER SOLUTION FOR CR39



Removes dye from organic lenses.. Non flammable.

1 litre bottle of concentrated solution.

#### **INSTRUCTIONS**

- Dilute with distilled water, ratio 1:20.
- Heat to 90°C.
- Dip the lens until the required decolouring grade has been achieved.

#### ■ NEUTRALISER SOLUTION FOR POLYCARBONATE AND HIGH INDEX LENSES



#### Ref. 06854

To remove dye from:

- Polycarbonate lenses.
- · High index lenses.
- · Hard coated lenses.
- · Non flammable.

1 litre bottle, ready for use.

#### **INSTRUCTIONS**

- Heat to 90°C.
- Dip the lens until the required decoloring grade has been achieved.
- Rinse lens with water.
- Do not mix with water.



### **2.8** SOLDERING WIRE AND CONSUMABLES

#### SOLDER RODS

Solder and flux combined for ready use. Ideal for nickel-silver, monel and stainless steel metal.

#### **CADMIUM FREE**





#### Ref. 06210

Soft vellow solder. Melting range: 655°C - 680°C. 10 rods - 250 mm each Ø 0,9 mm

#### Ref. 06214

Yellow gold solder. Melting range: 605°C- 635°C. 10 rods - 250 mm each Ø 0,9 mm

#### SOLDER WIRE

All-purpose soldering wire in silver alloy (40%). Easy flowing, suitable for nickel silver and monel metal. Melting range: 610°C - 650°C. To be used together with borax flux (Ref. 06208).

#### Ref. 06200

Solder wire Ø 0.5 mm. Length: 2.5 m.



Solder wire Ø 0.3 mm. Length: 2.5 m.



#### BORAX

Promotes quick and easy flow of solder between the surfaces being soldered.

#### Ref. 06208

Borax flux powder to be mixed with hot distilled water to make a paste. Melting range: 500°C - 700°C. 100 g



#### SOLDERING CONSUMABLES

#### **FLUORON**

#### Ref. 06222

A surface preparation for soldering. Apply before soldering. Enhances the flow of the solder. It also reduces burning around the soldering point. 100 ml bottle.

#### **ISOFLAM**

#### Ref. 06221

Heat shielding paste. It will protect the nonsoldered area by dissipating heat for temperatures up to 3,000°C (5,432°F). It isolates parts close to the soldering point and reduces the risk of damage to plastic and painted parts. It does not stain and washes off in water. 50 g





### SOLDERING AND PLATING CONSUMABLES

#### CONSUMABLES FOR MINIFLAM

#### **OXYGEN FOR MINIFLAM**

#### Ref. 06106

Oxygen 1 litre bottle for Ref. 06100.

#### **GAS FOR MINIFLAM**

#### Ref. 06104

Butane gas. 70 ml bottle. Pack of 6 pcs.

#### Ref. 06105

Butane gas. 400 ml bottle.



#### **CONSUMABLES FOR SOLDERING UNITS**

#### Ref. 06020

Caustic solution Electrolyte 0.5 litre - 2 pcs.

Ref. 06022

Boric acid solution - flux 0.5 litre

#### FOR AIRFREIGHT DELIVERIES

Ref. 06054

Caustic solution in grains 200 g

#### Ref. 06055

Boric Acid in grains 25 g



#### PLATING SOLUTIONS

#### Ref. 06411

Gold plating solution 50 ml.

#### Ref. 06415

Palladium plating solution 50 ml.

#### Ref. 06421

Clamp electrode

#### Ref. 06422

Brush electrode

