

- Description:** The multilayer CA<sup>®</sup> Pro material consists of clear-transparent and abrasion-resistant copolyester material as well as thermoplastic elastomer. Thanks to these components, the material shows excellent properties in terms of breaking strength, elasticity, resilience and dimensional stability. Moreover, the selected material components are highly biocompatible. The material has been tested and approved in terms of cell biology. Due to its hygroscopic property, the material is pre-dried in a gentle process and individually sealed in barrier bags. Please see also our Safety notes below.
- Indication:** CA<sup>®</sup> Pro is destined for the fabrication of splints and aligners for the correction of malocclusion. Its optimal initial force level and excellent resilience properties make CA<sup>®</sup> Pro ideal for applications in modern orthodontic treatment.
- Contraindication:** CA<sup>®</sup> Pro is not indicated for splint adjustments and fixation of attachments using acrylic as well as for orthodontic treatment of patients with periodontally damaged teeth and/or implants. Not indicated after successful molar distalisation.
- Intolerances:** The product shall not be used in case of known intolerance to polyethylene terephthalate and acetaldehyde as well as thermoplastic polyurethane.
- Insulating the model:** For optimum ease of processing and an aesthetically smooth, easy-to-clean inside of the splint, the use of ISOFOLAN<sup>®</sup> foil (REF 3207) is recommended for model isolation.
- Safety note:** Make sure to use an unperforated protective foil such as ISOFOLAN<sup>®</sup> (REF 3207) or alternatively CA<sup>®</sup> Pro+ when using 3D-printed models.
- Pressure moulding:** Full models isolated with ISOFOLAN<sup>®</sup> should always be embedded in the pellets whereas dental arcade models should be placed on the model platform. When using an average-sized model and embedding the model according to the manufacturer's instruction, the initial thickness of CA<sup>®</sup> Pro will be slightly reduced. As you can see from the packaging labels and the imprint directly on the material, the heating times of CA<sup>®</sup> Pro are quite short. When processing the material, the temperature range shall be between 150° C and 175° C.
- Finishing:** CA<sup>®</sup> Pro can be easily cut using SD-Foil scissors A (REF 3460). For finishing and polishing, DIMO<sup>®</sup> PRO discs (REF 3381), the BIOPERM<sup>®</sup> Trimmer (REF 3226) as well as the SD-Polishing mop for high gloss with mandrel (REF 3714) are ideally suited.
- Cleaning /Care:** Daily cleaning with CETRON<sup>®</sup> powder from our CETRON<sup>®</sup> program is recommended. In order to avoid modifications, discolouration or damages to your splint, make sure not to use any cleaning agents with oxidizing agents such as active oxygen, chlorine or similar. Moreover, please ensure not to use organic solvents, such as alcohol, acetone etc. for cleaning. Some herbal-based products for the temporary treatment of painful and inflammatory conditions of the oral mucosa, especially vesicles, and for the supportive symptomatic treatment of gingivitis (for ex. Pyralvex<sup>®</sup>) shall be avoided at all costs. In addition, steam cleaners, ultrasonic devices, denture cleaners and cleaning procedures that exceed 45°C shall not be used.
- Hint:** When using 3D printed resin models, the models should be blocked-out using for example light-curing blocking-out and modelling putty BLUE-BLOKKER<sup>®</sup> (REF 5276), in case the software used does not allow for complete virtual blocking-out.
- Safety notes:** **Please make sure to open only externally undamaged and tightly closed barrier bags. CA<sup>®</sup> Pro shall be processed within 15 minutes after opening the barrier bag to avoid the formation of bubbles during processing due to absorption of air moisture. Do not exceed the maximum temperature of 175°C when processing the material. Please note that the display of the SCHEU-DENTAL pressure moulding devices shows the temperature of the radiator; the actual material temperature is lower and time-dependent.**
- All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.



### Delivery program:

| CA <sup>®</sup> Pro (comes without protection foil) |           | 10 pcs.  |
|---|-----------|----------|
| Description   | Thickness | 125 mm Ø |
| CA <sup>®</sup> Pro                                 | 0.5 mm    | REF 3640 |
| CA <sup>®</sup> Pro                                 | 0.625 mm  | REF 3641 |
| CA <sup>®</sup> Pro                                 | 0.75 mm   | REF 3642 |

### Further products of the CA<sup>®</sup> assortment:

| CA <sup>®</sup> Pro+ (comes with protection foil) |           | 10 pcs.  | 10 pcs.  |
|---|-----------|----------|----------|
| Description                                       | Thickness | 125 mm Ø | 120 mm Ø |
| CA <sup>®</sup> Pro+                              | 0.5 mm    | REF 3644 | REF 0891 |
| CA <sup>®</sup> Pro+                              | 0.625 mm  | REF 3645 | REF 0892 |
| CA <sup>®</sup> Pro+                              | 0.75 mm   | REF 3646 | REF 0893 |

