

- Description:** The multilayer CA[®] 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 in accordance with the international standards ISO 10993 and ISO 7405. 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[®] 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[®] Pro ideal for short-term applications in modern orthodontic treatment.
- Contraindication:** CA[®] Pro is not indicated for splint adjustments and fixation of attachments using acrylic.
- Model preparation:** For optimum ease of processing and an aesthetically smooth, easy-to-clean inside of the splint, the use of ISOFOLAN[®] foil (REF 3207) is recommended for model isolation.
- Pressure moulding:** Full models isolated with ISOFOLAN[®] 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[®] 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[®] Pro are quite short. When processing the material, the temperature range must be between 150° C and 175° C.
- Finishing:** CA[®] Pro can be easily cut using SD-Foil scissors A (REF 3460). For finishing and polishing, DIMO[®] PRO discs (REF 3381), the BIOPERM[®] Trimmer (REF 3226) as well as the SD-Polishing mop for high gloss with mandrel (REF 3714) are ideally suited.
- Cleaning/care:** Products from the CETRON[®] range are the best choice for daily cleaning and care.
- 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[®] (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[®] Pro must be processed within 15 minutes after opening the barrier bag to avoid the formation of bubbles during processing due to absorption of air moisture. Make sure to use a protective foil when using 3D-printed models. Do not exceed the maximum temperature of 175°C when processing the material.**



Delivery program:

| CA [®] Pro | | 10 pcs. |
|---------------------|-----------|----------|
| Description | Thickness | 125 mm Ø |
| CA [®] Pro | 0.5 mm | REF 3640 |
| CA [®] Pro | 0.625 mm | REF 3641 |
| CA [®] Pro | 0.75 mm | REF 3642 |

Further products of the CA[®] assortment:

| CA [®] Pro+ | | 10 pcs. |
|----------------------|-----------|----------|
| Description | Thickness | 125 mm Ø |
| CA [®] Pro+ | 0.5 mm | REF 3644 |
| CA [®] Pro+ | 0.625 mm | REF 3645 |
| CA [®] Pro+ | 0.75 mm | REF 3646 |

Also available in diameter of 120 mm:

| CA [®] Pro+ | | 10 pcs. |
|----------------------|-----------|----------|
| Description | Thickness | 120 mm Ø |
| CA [®] Pro+ | 0.5 mm | REF 0891 |
| CA [®] Pro+ | 0.625 mm | REF 0892 |
| CA [®] Pro+ | 0.75 mm | REF 0893 |

