

# CA<sup>®</sup> Retention foil pd

## processing information

- Description:** CA<sup>®</sup> Retention foil pd is a high-quality thermoforming material made of a tough and abrasion-resistant, crystal-clear resin. The material has been tested and approved for its biological safety. As a result of their hygroscopic characteristics, the foils are pre-dried in a gentle process and individually heat-sealed in barrier bags.
- Preparation of the model:** If there are any prominent undercuts, they should be blocked out below the equatorial line of the tooth along with the papillae, either digitally or prior to the thermoforming process, using BLUE-BLOKKER<sup>®</sup> or SILKITT so that the splint then displays good friction but does not bulge excessively during insertion.
- Insulation of the model:** A protective foil such as ISOFOLAN<sup>®</sup> (REF 3207) must be used to insulate 3D printed model so that the CA<sup>®</sup> foil splints can be removed easily.
- Thermoforming:** For best aesthetic results the imprint of the foil should be placed on the molar teeth. Please insert the foil with the imprint parallel to the swivel axis of the pressure chamber and the front teeth on the model pointing in the direction of the locking shaft. Full models insulated with ISOFOLAN<sup>®</sup> should always be thermoformed in pellets, and suitably insulated dental arches on the model platform. For improved handling, we recommend using a pellet cover (REF 3006 or 3007) when thermoforming in pellets.
- Finishing:** The CA<sup>®</sup> Retention foil pd can be shaped easily with SD foil scissors A (REF 3460). Final processing, straightening and polishing are done with the DIMO<sup>®</sup>/DIMO<sup>®</sup> PRO (REF 3380-3384/3376) and DIMO<sup>®</sup> PRO SLIM trimming wheels (REF 3376). When finishing, make sure that the arcade-shaped millings on the edge of the splint are as round as possible to avoid predetermined breaking points.
- Cleaning/care:** Daily cleaning with CETRON<sup>®</sup> powder from our CETRON<sup>®</sup> range is recommended. The splint can also be cleaned using a denture brush and water. To avoid any changes, discoloration or damage to the splint, do not use cleaning products that contain oxidizing agents (active oxygen, chlorine, etc.). Organic solvents such as ethanol, acetone, etc., are also unsuitable for cleaning. Avoid cleaning the teeth or splint with toothpaste or mouthwash containing anionic surfactants such as sodium lauryl sulphate.
- Important:** The material is sensitive to temperature and must not come into contact with boiling water or hot beverages such as coffee or tea.  
You can find the complete range of materials at: [www.scheu-dental.com/pressure-moulding-material](http://www.scheu-dental.com/pressure-moulding-material).

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