

Radiation protection splints

Materials & Accessories

Fabrication:

- Erkoflex, 4.0 and 5.0 mm, Erkoflex-95, 4.0mm

Model preparation:

- When using plaster models: Erkogum (110 844) for blocking out, high-fusing wax (725 080) for filling bubbles in the plaster.

Finishing:

- Scissors (220 300), tungsten carbide bur (110 837) for grinding, Lisko-S (223 200) for prepolishing and hot air burner (177 540) for shining.

Hints

- Model preparation, fabrication and finishing see positioner, orthodontic field (Positioners.pdf).
- Radiation protection splints reduce the implications of scattered radiation caused by materials of high density. This happens on the base of the distance-square-law of the radiation physics. The splints keep for ex. cheek and tongue in distance to the material of high density. The literature requires a distance of at least 3 mm.

1. The fabrication and finishing equates to the one for positioners (Positioners.pdf).

The final shape is determined by the odontogram and the therapist.



2. Necessary adaptations can be effected with the strong scissors.

Radiation protection splint for upper jaw and lower jaw.