

PROTESIL ELASTIC RAPID

Protesil Elastic Rapid is an extremely elastic alginate for high precision orthodontic dental impressions.

The product is manufactured in compliance with:
ISO 1563 - ADA 18.

ProtesilElastic Rapid, fast setting formula, eliminates dust during its use. The product permits the easy removal of the impression without deformations, extra fine consistence, optimum gypsum compatibility, subduing of salivation, completely no toxic materials.

APPLICATIONS

Protesil Elastic Rapid can be used for all routine of impressions, specially orthodontic appliances and removable dental prostheses.

For dental use only



TECHNICAL DATA

Mixing time* -	30''
Working time*	1'10''
Intraoral setting time*	1'
Setting time*	2'10''
Elastic recovery	99 %
Compressive strength (ISO 1563)	1,4 MPa
Permanent set (ISO 1563)	11,5%
Colour	Natural pink
Taste	Strawberry

* The times reported begin with the mixing phase of the product at a temperature of 23° C. (73° F.). Higher temperatures will quicken the process, whereas lower temperatures will slow it. Moreover, the above working times are calculated using distilled water but there is no appreciable change if normal tap water is used.

INSTRUCTIONS FOR USE

Shake and pummel the bag at least twice before opening to allow the fine powders which tend to settle during transport and storage to be dispersed evenly throughout the material. This will ensure perfect results from the product.

Measuring

Sectional Impression: One level scoop (10 g) of powder + one scoop (21 ml) of water

Full Impression: Two level scoops (20 g) of powder + two scoops (42 ml) of water

For larger impressions these doses may be increased proportionately, but in the same ratio

Important: The powder must not be packed tightly into the scoop or the scoop tapped to condense it. It must be placed lightly in the scoop and levelled off with a mixing spatula.

If a thinner or thicker mix is required, use slightly more or less water.

Mechanical Mixing: The mixing / setting time shortens slightly with mechanical mixing machines. If such a mixing machine is used it is important to follow the instructions about the mixing time (approx. 9 sec.).

Attention: as the impression material nearest the mucous membrane of the oral cavity will set slightly, before the impression material nearest the impression tray, it is important to maintain a gentle but even pressure on the impression tray during the complete setting time of the material, otherwise stresses and strains will be set up in the material which will be released when the impression is removed from the mouth resulting in distortion and an inaccurate model on casting.

Remove the impression from the mouth and rinse all saliva and other debris from it with running cold water. If any saliva or debris is left on the impression, a perfect result may not be achieved.

CASTING

It is recommended that the model be cast immediately after the impression is removed from the mouth. If this is not possible, wrap the impression in a damp napkin and store in a polythene hermetically sealed bag in order to minimise any possible dimensional change.

Although Protesil Elastic Rapid maintains its characteristics for a longer period, it is recommended that casting should take place within 48 hours after taking the impression. Protesil Elastic Rapid is compatible with all quality dental plasters.

STORAGE

The impression are to be stored at room temperature. Protesil Elastic Rapid is guaranteed for a period of 36 months from production date if stored correctly. Keep it hermetically closed, and store in a cool, dry place at a temperature between 4°C e 28°C (39°F - 82°F). Keep away from heat sources, sparks or flames. The expiration date printed on the packaging refers to the unopened product still sealed by the production. The serial number and expiration date are printed on each individual product container. When contacting the distributor, it is important to have this information on hand in order to properly and promptly identify a given product batch.

IMPORTANT: Do not use after the expiration date.

PACKAGING

Product Code/ Description	005002 - Carton with 12 bags of 500 g
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