

Deflex

INJECTABLE POLYMERS

*For fixed and
removable dentures*

- Partial dentures
- Full dentures
- Partial frameworks
- Infra-structures of bridges
- Overdentures



Metal free dental prosthesis

POLYMERS FOR REMOVABLE DENTURES

Deflex dentures offers thermo-injectable materials with different balances of flexibility and stiffness that allow for multiple applications for removable dentures.

The polymers are highly resistant, contain elastic memory, minimal liquid absorption and very low shrinkage levels.

BENEFITS



Aesthetic
Free of metal.
Inconspicuous
retainers



Lightweight
Allows for
reduced
thickness



Resistant
Highly resistant
to blows and falls

FUNCTIONAL BENEFITS

The stiffness distributes masticatory forces. Appropriate thickness and design satisfy the needs of support, binding and stability.

BENEFITS FOR AESTHETICS AND COMFORT

Translucent retainers -in addition to being aesthetically pleasing- contain **elastic memory that increases retention and comfort.**

Deflex dentures offer very reduced thickness -almost half that of conventional acrylic dentures- allowing the **patient to maintain good phonetics.**



**No metal
retainers**



**Blends in with
teeth and gums**

MATERIALS



M10 XR - Extra-rigid polymer

- Greater stiffness and resistance: allows for reduced thickness and circumferential retainers.
- Chemical bond with the acrylic: possibility of relining and additions using conventional materials and techniques.
- Minimal contraction
- Very easy bright and shine



CB CHEMICAL BOND *



CLASSIC SR - Semi-rigid polyamide

- Optimal balance between flexibility and stiffness
- Occlusal rests: Made using the same polyamide.
- High brightness and translucency



FLUENCE SR - Semi-rigid polyamide

- Quality similar to the **CLASSIC SR**: **FLUENCE SR** offers more elasticity and resistance than **CLASSIC SR**
- High translucency: it presents a very high translucency grade, slightly less than **CLASSIC SR**.
- slightly more flexibility



SUPRA SF - Semi-flexible polyamide

- Medium flexibility: for clinical cases requiring more elasticity. For example, cases with divergent teeth pillars.
- Very high resistance to fracture: makes it possible to reduce thickness.



ACRILATO FD - Injectable acrylic

- Full dentures more resistant and more lightweight than conventional acrylic: very high resistance to impact. It accepts reduced thicknesses.
- Hypoallergenic**
- Very low shrinkage



CB CHEMICAL BOND *



ACETAL AC - Injectable acetal

- Highly stable opaque acetal polymer
- Very high hardness and strength indexes
- Low level of liquid absorption: does not imprégnate, does not change color.
- Applications: tooth-coloured retainers and partial denture frameworks



DEFLEX PEEK - Injectable

- PEEK high-performance polymer (polyether ether ketone): in addition to being used for the development of infrastructures for fixed prostheses, it is also suitable for making RPD's frameworks and implant bar for overdentures.
- High toughness and rigidity
- High chemical resistance
- Biocompatible



APPLICATIONS

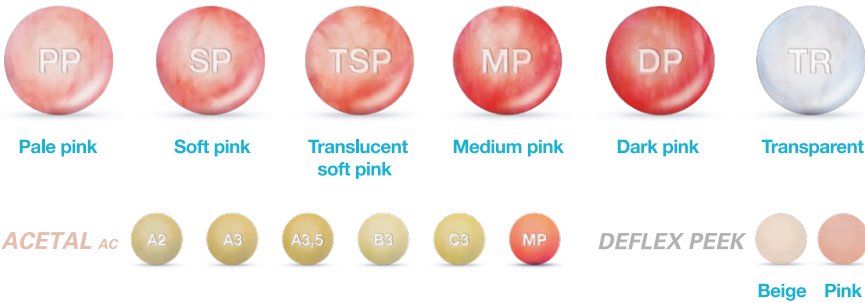
- Partial dentures
- Dentures combined with chrome
- Occlusal splints
- Full dentures
- RPD's partial frameworks
- Temporary dentures
- Overdentures



COLORS

Deflex materials are highlighted for their delicate combination of translucency and pink tones, providing a dual adaptation to both teeth and gums.

A subtle range of pink tones matches the diversity of colors of patients' gums.



<i>M10 XR</i>	<i>CLASSIC SR</i>	<i>FLUENCE SR</i>
PP - SP - TSP - MP - DP - TR	PP - SP - MP - DP - TR	MP - TR

<i>SUPRA SF</i>	<i>ACRILATO FD</i>	<i>ACETAL AC</i>	<i>DEFLEX PEEK</i>
MP	MP - TR	A2 - A3 - A3,5 - B3 - C3 - MP	Beige - Pink

ELASTICITY

<i>CLASSIC SR</i>	<i>SUPRA SF</i>	<i>FLUENCE SR</i>	<i>ACRILATO FD</i>	<i>M10 XR</i>	<i>ACETAL AC</i>	<i>DEFLEX PEEK</i>
Reference value = 0	- 63% ▼	- 6% ▼	- 6% ▼	+ 44% ▲	+ 81% ▲	+ 125 % ▲

(*) Important: Accept aggregates and exceeded with conventional materials and techniques.
(**) Complies with the residual monomer content requirements laid down in EN ISO 20795-1: 2013
(Polymer base for dental prostheses)

YOUR PATIENTS WILL SMILE AGAIN



Deflex retainers

Metal retainers

Aesthetic comparison



Before



After

POLYMERS FOR *FIXED DENTURES*

DEFLEX PEEK

Injectable

HIGH PERFORMANCE POLYMER



- Less abrasive to opposing teeth
- Coatable with composite resin
- Perfect balance of hardness and elasticity
- Biocompatible, metal free.

DEFLEX PEEK (Polyether ether ketone) is the most biocompatible thermoplastic for dental use nowadays, with high performance mechanical properties, enormous resistance to wear and a valuable combination of stiffness and elasticity that resembles bone. Free of metal, free of monomer, inert and virtually unchanged in the oral environment.





Deflex®



Dental laboratory

Dear Dentist:

- Remember to tell your patient the need for periodic dental check-ups to assess the general condition of your mouth and / or your dentures.
- **Pediatric use and in pregnant women:** Deflex materials do not have contraindications for use in children or in pregnant women. The decision of use must be made by the professional dentist who must evaluate in each case the previous clinical condition of the patient.
- Periodontal diagnosis is essential as a previous step to the clinical decision to rehabilitate the patient partially or totally edentulously.
- Before carrying out the first installation on the patient, immerse the DEFLEX denture in a solution of 4 parts of water and 1 part of bleach solution for 15 minutes. Then rinse well under running water.
- This product should not be used in patients with suspected allergy until allergy tests have been performed to confirm that the patient is not allergic to the materials contained in the product (product sample supplied upon request for allergy testing of allergy sufferers)

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ET02 REV06
31-07-2020