



We take care of your smile

Ruthinium FIBRA

The most advanced technology
in your hands

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Why Ruthinium Fibra carbon fibre?

Some of the many advantages include:



Lightness

Carbon is universally recognised as an extremely strong, durable and light material and the light weight structures made with **Ruthinium Fibra** guarantee patient comfort.



Resistance

Ruthinium Fibra has an extremely high mechanical strength and tensile loads capacities that are obtained thanks to the particularly unique layering of Ruthinium Fibre.



Biocompatibility

Ruthinium Fibra is a **Class II A Certified Medical Device**: mandatory requirement for long-term dentures.



Dimensional stability

Over time Ruthinium Fibra is free from shrinkage and distortions thanks to the absolute passivity allowing the user to obtaining optimum long-term results.



Ease of execution

Simple and quick processing protocol makes **Ruthinium Fibra** easy to use on all cases.



Cost-effectiveness

The **Ruthinium Fibra** method can easily be implemented in the processing cycle. The creation of a structure and reinforcements is, on average, much better value than the most common techniques available on the market.



Aesthetics

Ruthinium Fibra is easy to opaque or tint ensuring excellent aesthetic results.

> The most advanced technology in your hands

Ruthinium Fibra is the combination of advanced technology and research on behalf of dental technician's to ease production, enhance functionality and give high value/low cost fixed and removable appliances. It's a proven method for the production of denture substructures that will strengthen and allow the technician to obtain A LIGHT WEIGHT PRODUCT, PATIENT COMFORT, HIGH RESISTANCE TO FRACTURING and CONFIDENCE IN THE FINAL RESULT.

It is based on the use of carbon fibre in MAT (composite fibre) and UHM (M46J fabric) versions.

[Lower removable dentures with SPECIAL reinforcement]



[Upper removable dentures with MAT reinforcement]



[Rigid substructure in UHM and Toronto Bridge made with Acry Cette]



Ruthinium Fibra UHM – Ultra High Modulus

For the creation of denture substructures

Multi-directional woven M46J carbon fibre fabric, is the most rigid available on the market with a Young's modulus of >600 GPa.



[SPECIAL reinforcement on overdentures]

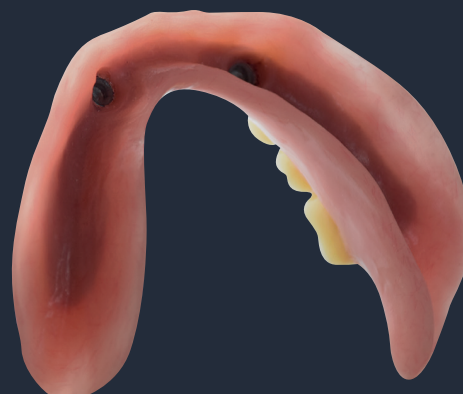


[Substructure for implant-supported Toronto Bridge]

SPECIAL reinforcement: made using laminated Ruthinium Fibra UHM carbon fibre is ideal for overdentures. A further higher resistant reinforcement is obtained compared to the MAT version, whilst maintaining an optimum modulus of elasticity.



[Lower overdenture with SPECIAL reinforcement]



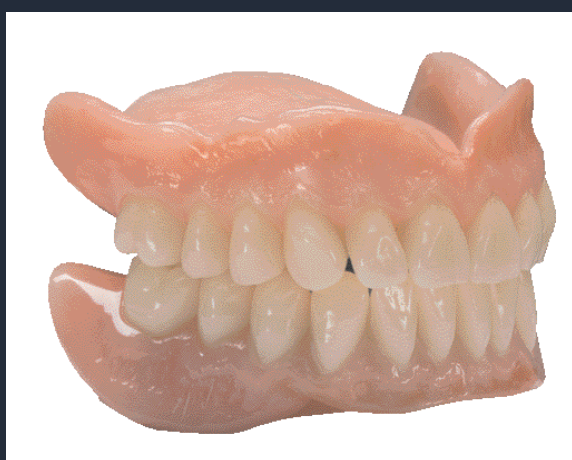
[Backlit view of the Overdenture to show the SPECIAL reinforcement, which is not visible in normal light conditions]

*all the features illustrated are in line with manufactures instructions and in strict compliance with the product use protocol.

> Ruthinium Fibra MAT

For the creation of reinforcements for removable dentures

Composite carbon fibre without preferential orientation.



[Complete dentures with MAT reinforcements made with Acry Smart]



[Overall view of the MAT reinforcement]



[Lateral view of the MAT reinforcement]

> Codes and formats

Product	Quantity	Code	Product	Quantity	Code
Ruthinium Fibra Kit		1190001	Ruthinium Fibra – UHM	3 sheets	1190010
<small>content</small>			Ruthinium Fibra – MAT	10 sheets	1190011
UHM	2 sheets		Resin - Base	25ml	1190012
MAT	3 sheets		Catalyst	25ml	1190013
Resin - Base	2 x 25 ml				
Catalyst	1 x 25 ml				
Spatula					
Roller					



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