



# G-CAM



## THE GRAPHENE NANO-REINFORCED BIOPOLYMER

A TRUE NEXT GENERATION DENTAL MATERIAL  
EXCLUSIVE TO JOHN WINTER



**JOHN  
WINTER**

FIND OUT MORE TODAY – ASK YOUR  
JOHN WINTER REPRESENTATIVE OR  
CALL 01422 364 213

## THE GRAPHENENO-REINFORCED BIOPOLYMER EXCLUSIVE TO JOHN WINTER

### WHAT IS GRAPHENE?

Often called a “super” material that has the potential to change the world. Graphene is one atom thick, making it the thinnest known material. Incredibly it is about 200 times stronger than steel and a super conductor of heat and electricity. When combined with other materials it presents unlimited possibilities for integration in almost any industry. Dentistry being no exception.

### HOW CAN WE USE GRAPHENE WITHIN DENTISTRY?

That’s where G-CAM comes in.

Graphene is a force multiplier. When combined with auto polymerising dental resin (PMMA) it improves almost every property to produce an unbelievably strong and versatile material. Available in a shaded millable disc **G-CAM can be used to produce almost any restoration**, full contour or substructure, single unit or full arch. Best of all, the graphene prevents water absorption, it is therefore indicated for **permanent restorations**.

- Indicated for the production of permanent restorations
- Can be processed using most dental milling systems
- Incredibly Strong and difficult to break
- Highly resist to deforming and stress fractures
- Impenetrable to water
- A super conductor helping to maintain a healthy oral environment.
- Shades A1, A2, A3, A3.5, B2, C2, BL2 and Pink

14mm .....	<b>£172.05</b>
18mm .....	<b>£189.45</b>
26mm .....	<b>£224.23</b>

Elastic modulus	>3200 MPa
Bending strength	>140 MPa
Surface hardness	88 Shore
Water absorption	4 µg/mm
Residual monomer	<0,004 %

### A TRUE NEXT GENERATION DENTAL MATERIAL

Types of prostheses / material	PMMA	Metal	Zirconium	Lithium disilicate	Resin + graphene
Individual crowns	☺	☺	☺	☺	☺
Bridges of up to 3 pieces	-	☺☺☺	☺☺☺	-	☺☺☺
Bridges of more than 2 implants	-	☺☺☺	-	-	☺☺☺
Settings	☺	-	-	☺	☺
Veneers	-	-	☺	☺	☺
Complete prostheses	☺☺☺	-	-	-	☺☺☺
Direct rehabilitations and implants	☺	-	-	-	☺

Call **01422 364 213** or email [dental@johnwinter.co.uk](mailto:dental@johnwinter.co.uk)

