

**Dental Innovation, INNO DENTAL**  
INOD will lead to a new era of change



**INOD**

INNO DENTAL CO., LTD.

**Product Series**

*Change  
Dental!*

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**INO**Đ

## Introduction of INNO DENTAL

**Striving to become a Global Leader in Dental Technology!  
Competing against the world's top brands, INNO DENTAL**

INNO DENTAL strives to become the best company in the dental industry. We have actively various fields from dental materials to dental equipment and make top quality products, using skillful technology.

INNO DENTAL is the Korean dental manufacturer that produces denture mesh and glass fiber post etc. Especially our products are specialized in GLASS FIBER range of dentistry.

**INNO DENTAL is the first company in Korea to develop Fiber Material Products.**

SES Fiber Framework System developed and produced by INOD is the world's first dental technology used in both Full Denture and Partial Denture.

It has received great reviews in both domestic and international market as a top quality product for denture.



# Q.P. Fiber Post

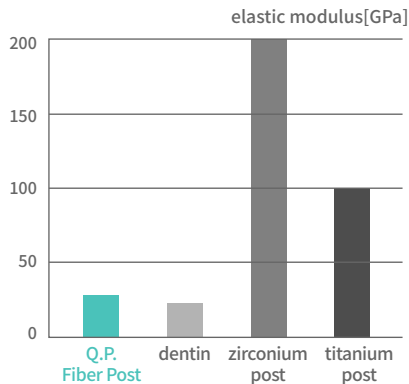
Korean fiber post overcomes the limitation of the metal post



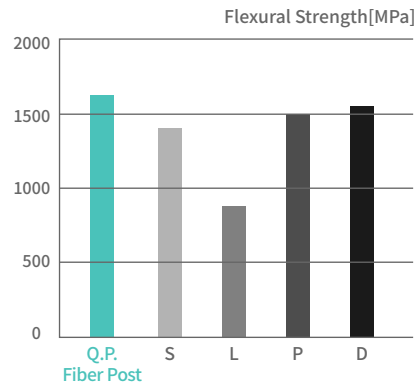
## Advantages

- Good bonding strength caused by SILANE finishing on post surface when using with any dual curing resin cement
- Highly aesthetic as the post color is white
- Can be atraumatically removed in minutes
- Tapered apical shape conserves dentin
- 10 sizes and dedicated drills available
- Passed biosafety test, ensuring bioaffinity and safety
- Elasticity strength similar to that of dentin prevents root canal fracture
- Strong Flexural Strength (>1600MPa)
- Optimal Radiopacity (>330% Al equivalent)

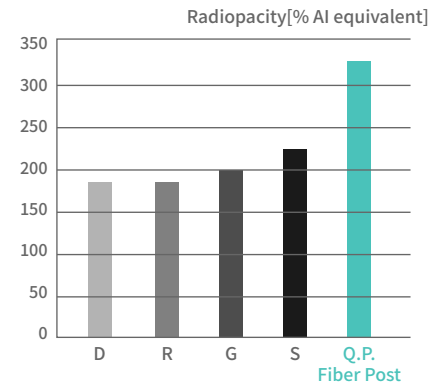
## Technical data



Elastic modulus similar to that of dentin prevents root canal fracture



Strong Flexural Strength (>1600MPa)



Optimal Radiopacity (>330% Al equivalent)













## KIT Options

Kit	Diam	Q.P Fiber Post	drills
QP1209	ø1.14	10pcs	1pcs
	ø1.25	10pcs	1pcs
	ø1.55	10pcs	1pcs

Kit	Diam	Q.P Fiber Post	drills
QP1309	ø0.9	5pcs	1pcs
	ø1.0	5pcs	1pcs
	ø1.14	5pcs	1pcs
	ø1.25	5pcs	1pcs

Kit	Diam	Q.P Fiber Post	drills
QP1409	ø1.0	5pcs	1pcs
	ø1.2	5pcs	1pcs
	ø1.4	5pcs	1pcs
	ø1.55	5pcs	1pcs

## Refills Description

No.	QP9	QP10	QP14	QP20	QP25	QP40	QP50	QP55	QP80	QP200
Diam	ø0.9	ø1.0	ø1.14	ø1.20	ø1.25	ø1.40	ø1.50	ø1.55	ø1.8	ø2.0
Refill	10pcs	10pcs	10pcs	10pcs	10pcs	10pcs	10pcs	10pcs	10pcs	10pcs
Color Code										

# Q.P. Fiber Post PLUS

The masterpiece that rules all the others.

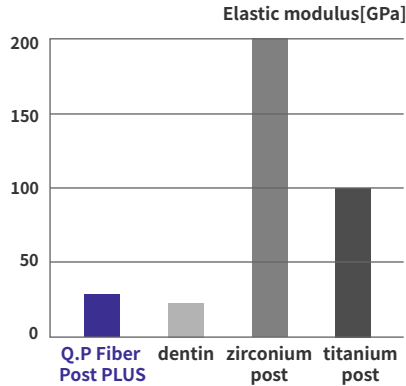


## Advantages

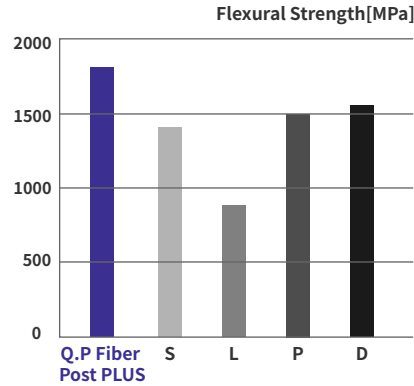
- Product upgraded from the Q.P. Fiber Post
- Good bonding strength caused by SILANE finishing on post surface
- Higher transparency provides superior aesthetics and light transmission, and is advantageous for dual cure cementation
- Being anticorrosive and having passed all biosafety tests, it ensures bioaffinity and safety
- Passed all the tests including cytotoxicity test, ames test, acute system toxicity test and oral mucosal irritation test
- Can be atraumatically removed in minutes
- Tapered apical shape conserves dentin
- 10 different sizes and dedicated drills are available
- Elastic bending strength similar to that of dentin helps to protect teeth without causing root canal fracture
- Enhanced flexural strength (>1,800MPa)
- Optimal Radiopacity (>330% Al equivalent) (ISO4049)



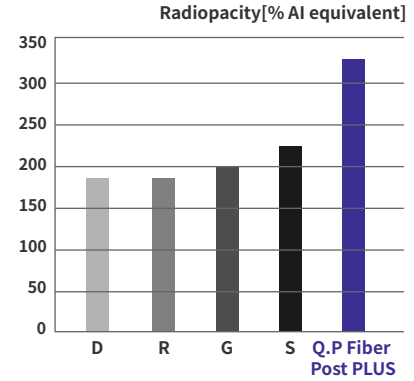
# Technical data



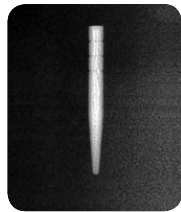
Elastic modulus similar to that of dentin helps to protect teeth without causing root canal fracture



Heightened flexural strength (>1,800MPa)



Optimal radiopacity (>330% Al equivalent) (ISO4049)



- Radiopacity > 330% Al



- Light transmitting



- Safe drill of reamer shape










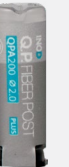
## KIT Options

Kit	Diam	Q.P. Fiber Post PLUS	drills
QPA1209	ø1.14	10pcs	1pcs
	ø1.25	10pcs	1pcs
	ø1.55	10pcs	1pcs

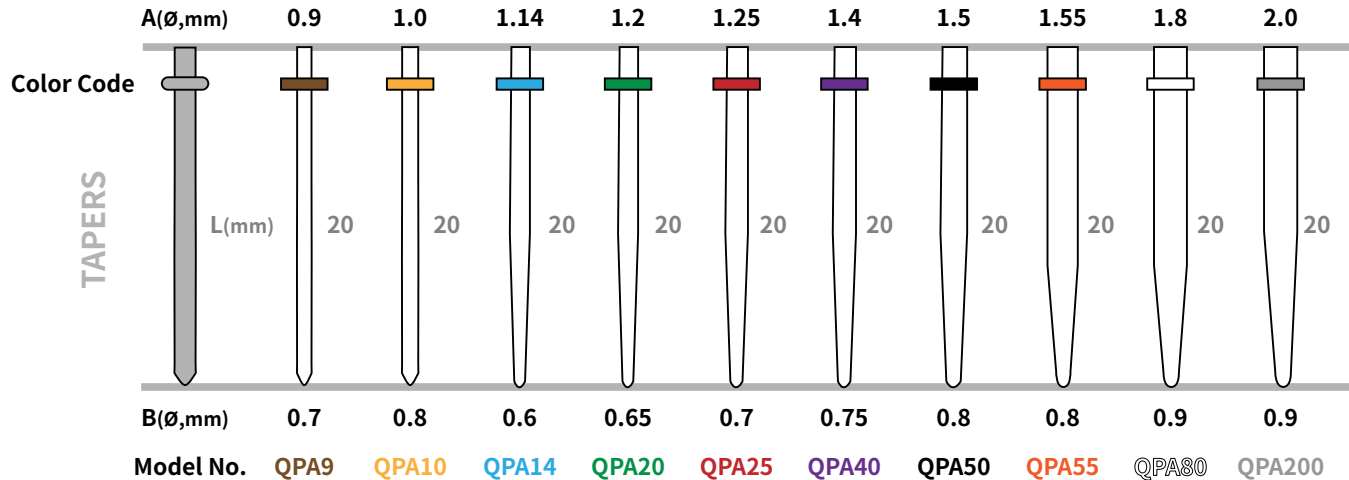
Kit	Diam	Q.P. Fiber Post PLUS	drills
QPA1309	ø0.9	5pcs	1pcs
	ø1.0	5pcs	1pcs
	ø1.14	5pcs	1pcs
	ø1.25	5pcs	1pcs

Kit	Diam	Q.P. Fiber Post PLUS	drills
QPA1409	ø1.0	5pcs	1pcs
	ø1.2	5pcs	1pcs
	ø1.4	5pcs	1pcs
	ø1.55	5pcs	1pcs
	ø1.55	5pcs	1pcs

## Refills Description

No.	QPA9	QPA10	QPA14	QPA20	QPA25	QPA40	QPA50	QPA55	QPA80	QPA200
Diam	Ø0.9	Ø1.0	Ø1.14	Ø1.20	Ø1.25	Ø1.40	Ø1.50	Ø1.55	Ø1.8	Ø2.0
Refill	10pcs	10pcs	10pcs	10pcs	10pcs	10pcs	10pcs	10pcs	10pcs	10pcs
Color Code										

## Product Size





# U.P. Fiber Splint

## Strength surpassing wire, new paradigm of calibration retainer!

Dental materials made of UHMWPE (Ultra High Molecular Weight Poly Ethylene) material: For splinting and retainer, implant temporary prosthesis

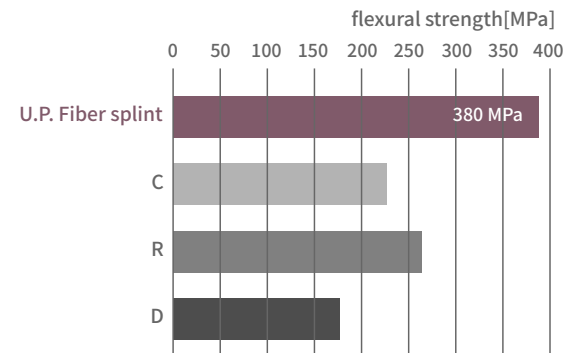


## Advantages

- Biocompatible splinting and retainer
- Highly aesthetic and comfortable for patient
- Very easy and fast application
- Non-invasive application requiring minimum tooth preparation
- No shelf life, no special conservation required
- Affordable
- U.P. Fiber Splint has good absorbing power of bonding agent and then it well bonds any flowable composite system
- Tensile strength is about 10 times stronger than regular polyethylene as U.P. Fiber Splint is made of UHMWPE
- Various sizes(1,2,3,4mm) : 1mm for orthodontic retainer, 2mm for splinting, 3mm for bridges 4mm for implant temporary



## Technical data



## Clinical applications



### Orthodontic retainer

- Aesthetic
- Metal free-comfortable for patient
- A quick application
- Easy to adapt directly to teeth and bond in place



### Splinting

- Is Quick, Clean and Simple
- Is comfortable for patient-smooth & highly esthetic
- Support teeth effectively
- Has superior durability
- Is easy to remove when necessary



### Bridges

- Provide strength, durability
- Provide immediate convenience
- Cost effective and reliable
- Aesthetic
- Utilize extracted teeth



### Implant temporary

- Aesthetic
- Easy to make implant temporary prostheses
- Easy to remove when necessary



## Products Line-up

### U.P. Fiber Splint KIT

- 1mm x 20cm x 1pcs | 2mm x 20cm x 1pcs  
3mm x 20cm x 1pcs | 4mm x 20cm x 1pcs  
Special Scissor | Tin Foil

### U.P. Fiber Splint Refills

- U.P. Fiber Splint Refill #1 1mm x 20cm x 2pcs
- U.P. Fiber Splint Refill #2 2mm x 20cm x 2pcs
- U.P. Fiber Splint Refill #3 3mm x 20cm x 2pcs
- U.P. Fiber Splint Refill #4 4mm x 20cm x 2pcs

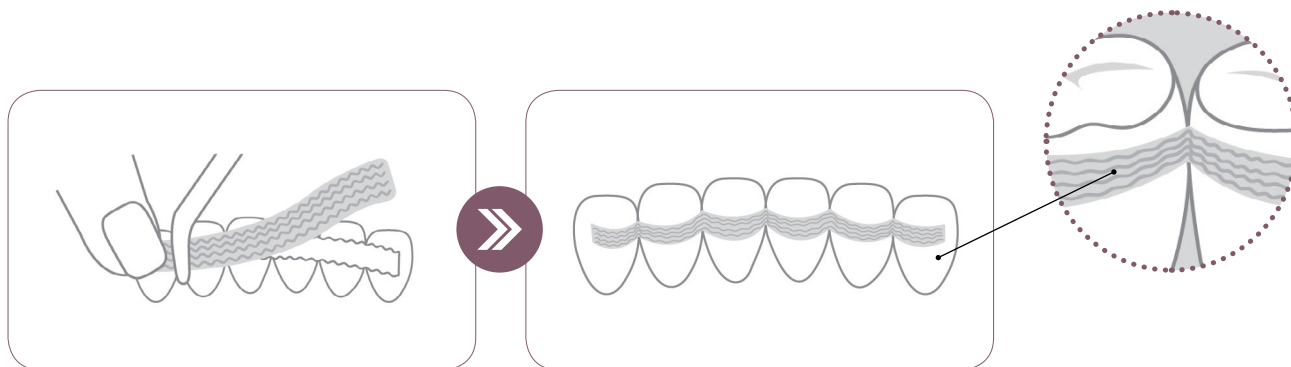


# U.P. Fiber Splint PLUS

You don't need unfilled resin for adhering the Splint to etched teeth.

This product has unfilled bonding treatment in the splint. Remove the product and attach it directly with light curing.





## Products Line-up

Model	Width(mm)	Thickness(mm)	Length(cm)	PCS
U.P. FIBER SPLINT PLUS 1mm	1	0.2	8	5
U.P. FIBER SPLINT PLUS 2mm	2	0.2	8	5
U.P. FIBER SPLINT PLUS 3mm	3	0.2	8	5
U.P. FIBER SPLINT PLUS 4mm	4	0.2	8	5

# SES Fiber Framework System

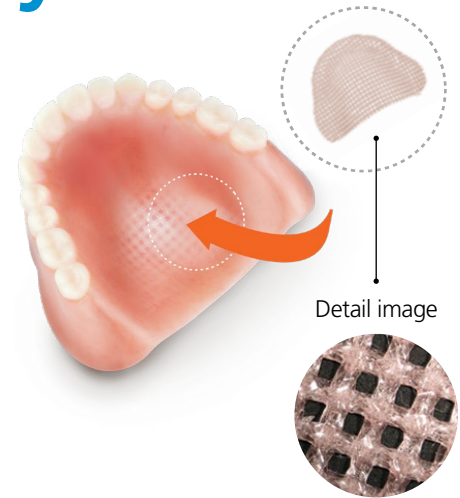
Strong, Easy, Simple

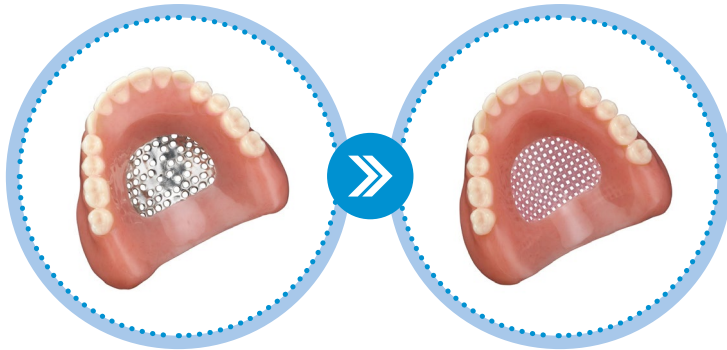
**Bioaffinity products capable of meeting the needs of technical laboratories, dental clinics and patients!**

SES Fiber Framework System developed and produced by INNO DENTAL. It is the world's first dental technology used in both Full Denture and Partial Denture.

## Advantages

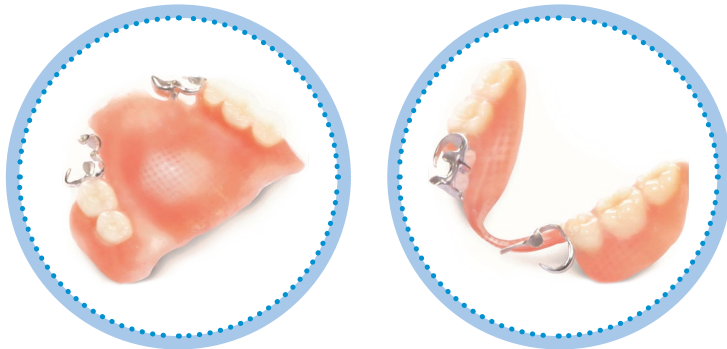
- Easy fabrication process
- Reduced fabrication time (15 minutes required)
- Strong as much as metal denture
- Easy to repair / Saving expenses
- Biocompatible without metal
- Aesthetic due to same color of tongue and gum





## Full Denture

- 40% lighter than metal denture
- It can give more comfortableness to patient
- MRI scan can be done on wearing denture made of SES System
- Denture using SES mesh is thinner and lighter, more comfortable



## Partial Denture

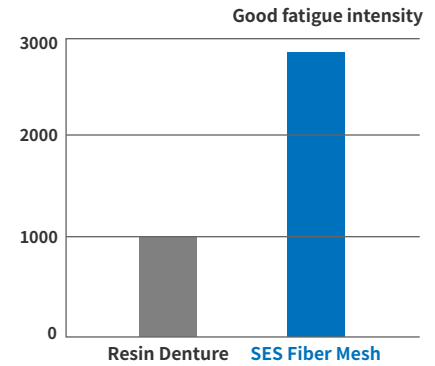
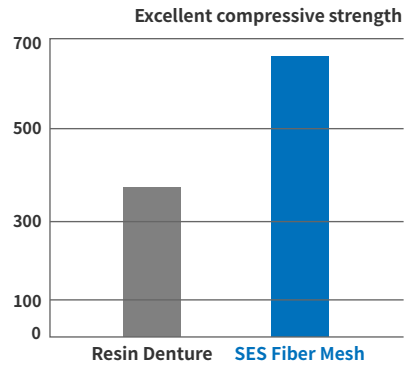
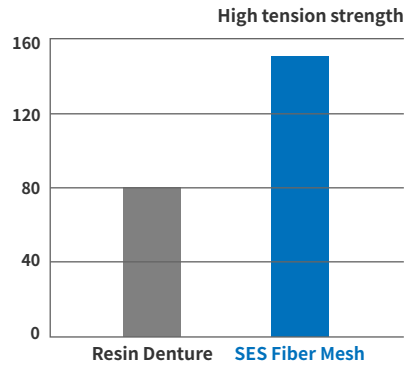
- If SES Mesh series is applied to partial denture, you will get more satisfaction and can make sure of more reinforced effectiveness of denture
- Be simple to repair denture
- Denture using SES Mesh is not broken and can be easily repaired



## Over Denture

- Applying Fiber Mesh to implants is more robust and esthetic

## Technical data



## Products Line-up



### SES Mesh 1108

3pcs/box | 70mm x 90mm | 3 denture



### SES Mesh 1611

3pcs/box | 70mm x 130mm | 6 denture



# SES

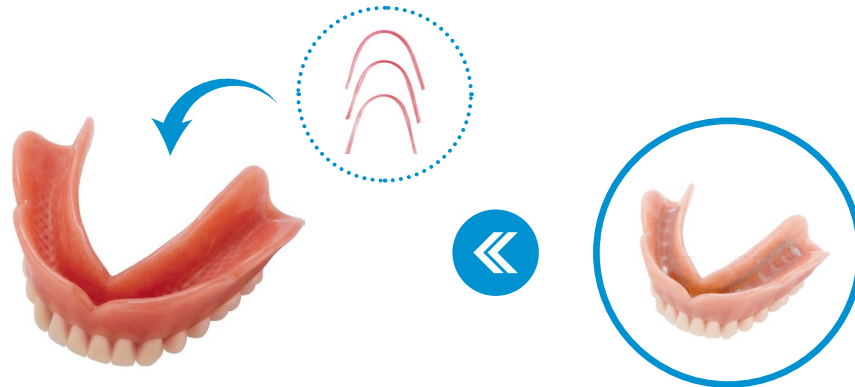
Strong, Easy, Simple

## Fiber Framework System SES Lower Mesh



### Advantages

- Easy fabrication process
- Light weight of denture
- Save fabrication time
- Biocompatible
- Strong
- Aesthetic / Affordable



### Description

#### Configuration

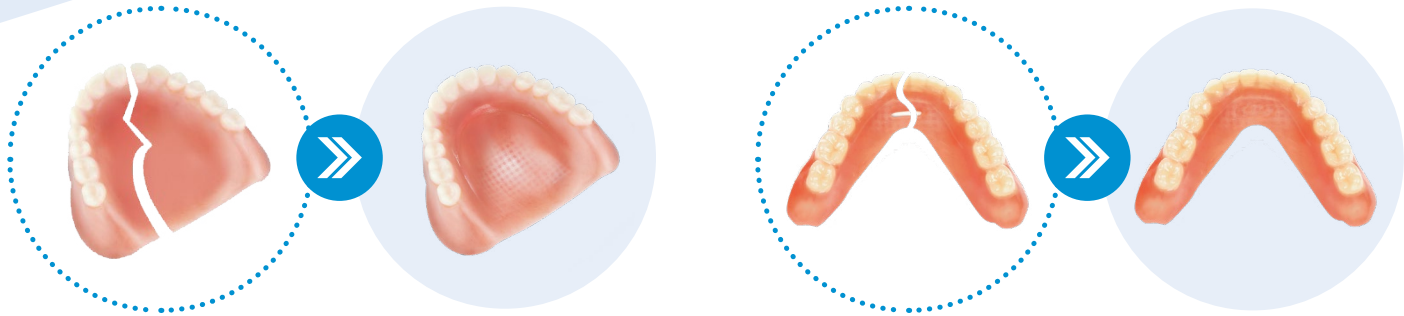
Contents : 3pcs/pack  
Width : 3.5mm  
Length : 150mm

### Comfortableness of SES Lower Mesh

- It can give more comfortableness to patient
- 40% lighter than metal denture
- MRI scan can be done on wearing denture made of SES Mesh

**SES**  
Strong, Easy, Simple

# Fiber Framework System SES Fiber Mesh Repair I.T



## Description

### Configuration

Contents : 2pcs/pack  
Width : 2mm  
Length : 150mm



## Repair of Damaged Denture

- Can be easily repaired by SES Fiber Mesh Repair I.T
- Can be stronger after repair of broken denture

# inoCore

## inoCore is a dual cure type abutment build up material

which can be used in all types of abutment build up due to convenient manipulation and excellent compressive strength



### Advantages

- It is good to be prepared due to similar strength to tooth strength
- It has abundant choice due to various colors such as A3, Blue
- It works softly when installing a mixing tip
- Use of inoCore is minimized as it is possible to install an eco-tip to syringe

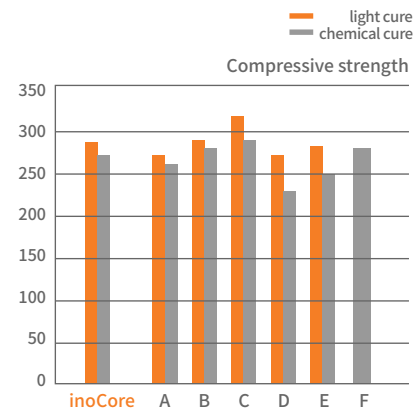
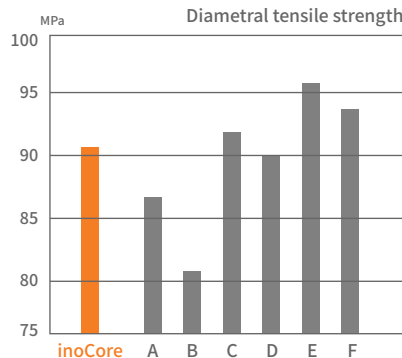
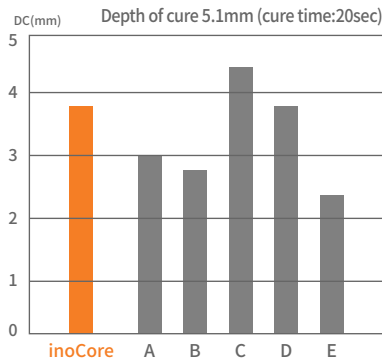
### Description

#### Configuration

shade : A3, Blue

inoCore syringes(10g)x2  
mixing tips, eco tips,  
instruction for use

### Technical Data



KGMP / ISO 13485 / ISO 9001

Headquarters and R&D Center / INNO DENTAL CO., LTD.

**INOD**

**INNO DENTAL CO., LTD.**

**TELEPHONE** +82.2.757.1112

**FACSIMILE** +82.2.757.9990

**E-MAIL** inod55@naver.com

**HOMEPAGE** <http://www.inod.co.kr>

**ADDRESS** 812, Byucksan Digital Valley, 6-cha, 219,  
Gasandigital 1-ro, Geumcheon-gu, Seoul,  
08501, Korea

