

Bringing you the latest products to improve Laboratory efficiency.

- 3D Model Resin
- Hot and Cold-Curing Denture Base Material
- Dental Plaster
- Indirect Composite Resin
- Resin Impregnated Fiber Reinforcement Products
- Polishing Mops
- DiaTwisters & Burs



More products inside...

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Next day delivery

About Us

Abbey Dental Supplies have been proudly supplying dental products for over 30 years across the UK and Ireland.

We have a team of industry specialists with extensive bench experience and hands-on product knowledge resulting in an unrivalled sales team who can recommend the most efficient products, the smartest blocks, and the best resins.

Keep ahead with Abbey.

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priZma 3D Model Resin

MakertechLabs priZma 3D Model Resin is specifically designed for 3D printing of dental models and general prototyping. Developed for all LCD & DLP printers, our formula offers the best quality in 3D prints with high definition and finishing.

APPLICATIONS : Dental models, dies and general prototypes

3D PRINTER: LCD or DLP resins – suitable for 25/30/50/100 micron thicknesses

AVAILABLE SHADES: Grey



CODE	DESCRIPTION	SIZE	COLOUR
3001501113	DLP resin	1000g	Grey
4501501113	LCD resin	1000g	Grey

Wondergel

Use Wondergel during the build-up and contour processes to hold crowns, veneers, and small castings in place. Temporarily bonds the restoration to the working die, while being easily removed after completion of the build-up or contouring. Wondergel is water-soluble and doesn't leave any contaminants on the restoration. It is recommended for pressed porcelain veneers, pfm crowns, alumina restorations, and zirconia restorations.



CODE	SIZE
ADS0425	3 cc Syringe

Wonderpeg

Hold your crown or jacket in place with Wonderpeg! Get instant firing and soldering support for crowns, jackets, and veneers by using Wonderpeg. Additionally, no mixing or pre-drying time is required. To use, insert the Wonderpeg syringe and simply fill the crown or jacket.

Wonderpeg offers zero firing distortion for temperatures from 400° C to 1300° C. As a result, crowns and jackets remove easily and cleanly with a twist.

- No risk of contamination with Wonderpeg.
- Very high fracture strength.
- Abrasion resistant.
- Easy to grind and polish.
- No tendency to discolour, thanks to low water absorption.



CODE	SIZE
2010 WP	Individual 10cc syringe
2010 WP / 3	3 pack of 10cc syringes

XPLEX Hot and Cold-Curing Denture Base Material

XPLEX – the high-impact polymer for dual use. Developed to cover the different processes and needs in the laboratory. The new polymer is suitable for cold and hot polymerization. Whether packing, pressing or pouring: the choice of HOT or COLD processing is governed by the respective HOT or COLD monomer component.

INDICATIONS:

Full dentures, Partial dentures, Combined dentures, Implant prosthetics.

Repairs to XPLEX HOT can be performed with XPLEX COLD

XPLEX: COLD monomer (liquid) 1 item

CODE	QUANTITY
709543	150 ml
709544	500 ml

XPLEX: HOT monomer (liquid) 1 item

CODE	QUANTITY
710657	150 ml
710658	500 ml

XPLEX: HOT/COLD polymer (powder) 1 item

CODE	QUANTITY	SHADE
710848	100 g	34 Original Pink – semi-opaque, veined
710849	100 g	53 Whitish Pink – opaque, not veined
710850	100 g	55 Reddish Pink – opaque, not veined
710851	100 g	57 Brownish Purple Pink – opaque, not veined
710854	500 g	1 Soft Pink – transparent, not veined
710896	500 g	3 Natural Pink – semi-opaque, veined
710900	500 g	5 Pink – transparent, veined
710902	500 g	34 Original Pink – semi-opaque, veined



Dental Plaster Range

Saint-Gobain Formula provides different types of dental plaster. A dedicated dental plaster range in line with European standards (ISO 6873) and also a wide range of quality base plasters for dental formulators are available.



DENTAL PLASTER

A very versatile plaster for most applications. Used for repair and flasking. Can be mixed with dental stone (i.e. Dentstone KD) to give a slightly harder model.

- Powder to water ratio (by weight): 1.67:1
- Initial setting time: 9 minutes
- Final setting time: 12 minutes
- Linear expansion: 0.28%
- Compressive strength: 10MPa

CODE	SIZE
BG01525	25 kg



DENTSTONE HXD

Green coloured hard stone, similar to Denstone KD. Produced from naturally occurring gypsum. It produces a hard, very detailed model with a higher level of expansion on setting to compensate for the contraction of acrylic plastics on heating.

- Powder to water ratio (by weight): 3.33:1
- Initial setting time: 9 minutes
- Linear expansion: 0.3%
- Compressive strength: 20.5Mn/m²

CODE	SIZE
BG01825	25 kg



DENTSTONE KD

A very popular buff coloured stone used for working models that will produce a very detailed, hard model.

- Powder to water ratio (by weight): 3.33:1
- Initial setting time: 10 minutes
- Final setting time: 13 minutes
- Linear expansion: 0.22%
- Compressive strength: 27MPa

CODE	SIZE
BG01725	25 kg



Dental Plaster Range



CRYSTACAL R

White in colour, produced from naturally occurring, high-purity, gypsum. Produces hard casts with fine detail. Excellent for study models.

- Powder to water ratio (by weight): 2.86:1
- Initial setting time: 15 minutes
- Final setting time: 18 minutes
- Linear expansion: 0.4%
- Compressive strength: 20MPa

CODE	SIZE
BG00725	25 kg



FLASKING PLASTER

Specially designed to help in the flasking process of dentures, being given a longer working time. Off white in colour.

- Powder to water ratio (by weight): 2.17:1
- Initial setting time: 10 minutes
- Final setting time: 13 minutes
- Linear expansion: 0.3%
- Compressive strength: 15MPa

CODE	SIZE
BG01425	25 kg



SURGICAL PLASTER

Used for the production of study models where a good white colour is required. It can be mixed with dental stone (i.e. Denstone KD) for a slightly harder working model.

- Powder to water ratio (by weight): 1.67:1
- Initial setting time: 11 minutes
- Final setting time: 14 minutes
- Linear expansion: 0.28%
- Compressive strength: 6.9Mn/m²

CODE	SIZE
BG01625	25 kg



TWiNY Indirect Composite Resin



TWiNY is the newly developed hybrid composite using resin submicron filler primary particles, which combine to form a 'Ceramic Cluster Filler' as a secondary particle with a larger surface.

- Unmatched 239 MPA flexural strength

APPLICATIONS: Facing Crowns, Jacket Crowns, Crowns and Bridges, Implant Superstructures, Inlays and Onlays, Veneers, Temporary Crowns.

BASIC SHADES	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Invisible Opaque 2ml	ivO															
Opaque 2ml	OA1	OA2	OA3	OA3.5	OA4	OB1	OB2	OB3	OB4	OC1	OC2	OC3	OC4	OD2	OD3	OD4
Cervical 2.6ml	CA1		CA2		CB1		CB2		CC1		CC2		CD1		CD2	
Opaque Dentine 2.6ml	ODA1	ODA2	ODA3	ODA3.5	ODA4	ODB1	ODB2	ODB3	ODB4	ODC1	ODC2	ODC3	ODC4	ODD2	ODD3	ODD4
Dentine 2.6ml	DA1	DA2	DA3	DA3.5	DA4	DB1	DB2	DB3	DB4	DC1	DC2	DC3	DC4	DD2	DD3	DD4
Enamel 2.6ml	E2	E3		E4		E1	E2	E4		E2	E3		E4	E3	E4	

Enamel Clear 2.6ml	E1 Clear	E2 Clear	E3 Clear	E4 Clear	E5 Clear
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Gum Shades	G1	G2	G3	G4	G5	G6	G7	G0r
Gum Opaque 2ml	OG1		OG2	OG3	OG4		OG5	OG6
Gum 2.6ml	G1	G2	G3	G4	G5	G6	G7	G8 Or
Gum Modifier 2.6ml	GM Gray	GM Trans						

Opaque Special Colours 2ml	InO1	InO2	MO
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Effect 2.6ml	Coffee	Orange	AM	OC	WE	HVWE
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Translucent 2.6ml	HVT	T	LVT	CT1	CT2	CT3	CT4	T Glass	T Glass Clear	T Blue
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TWiNY Flow 2ml	DA1 Flow	DA2 Flow	DA3 Flow	DA3.5 Flow	DA4 Flow	DB1 Flow	E1 Flow	E2 Flow	E3 Flow	CA1 Flow	CA2 Flow	Coffee Flow	Orange Flow	AM Flow	OC Flow	WE Flow
	TE Flow	HVT Flow	T Flow	LVT Flow	CT2 Flow	CT4 Flow	T Glass Flow	T Glass Clear Flow	T Blue Flow	G1 Flow	G3 Flow	G5 Flow	G7 Flow	G0r Flow	GM Gray Flow	GM Trans Flow

Whitening Shades	W0	W1	W2	W3
Opaque 2.6ml	OW1		OW2	OW3
Dentine 2.6ml	DW0	DW1	DW2	DW3
Enamel 2.6ml	E0			E1

Gum Stain 1ml	G Dark Red	G Red	G Milky	G Violet
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Trans Enamel 2.6ml	TE
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Base 2.6ml	Base
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LunaWing Indirect Composite Resin


Luna-Wing is a light-cured indirect composite resin, developed using nano-technology as a basis, and exhibiting superior properties along with excellent workability, as well as fabulous aesthetics with a variety of color products. Luna-Wing makes it possible to produce high-quality prostheses in a short working time.



APPLICATIONS: Facing Crowns, Jacket Crowns, Crowns and Bridges, Implant Superstructures, Inlays and Onlays, Veneers, Temporary Crowns.

BASIC SHADES	A0	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Invisible Opaque 2.3ml	 IvO																
Opaque 2.3ml																	
Cervical 3ml																	
Opaque Dentine 2.6ml																	
Dentine 3ml																	
Enamel 3ml																	

Trans Enamel 3ml					
	EO HARD				
Translucent 3ml					
	HVT HARD	T HARD	LVT HARD	CT HARD	
Effect 3ml					
	HVT	T	LVT	CT	
					
	Coffee	Orange	LGUM	GUM	DGUM
Special Opaque Color 3ml					
	InO1	InO2	PO	MO	
Base 3ml					
	Base				

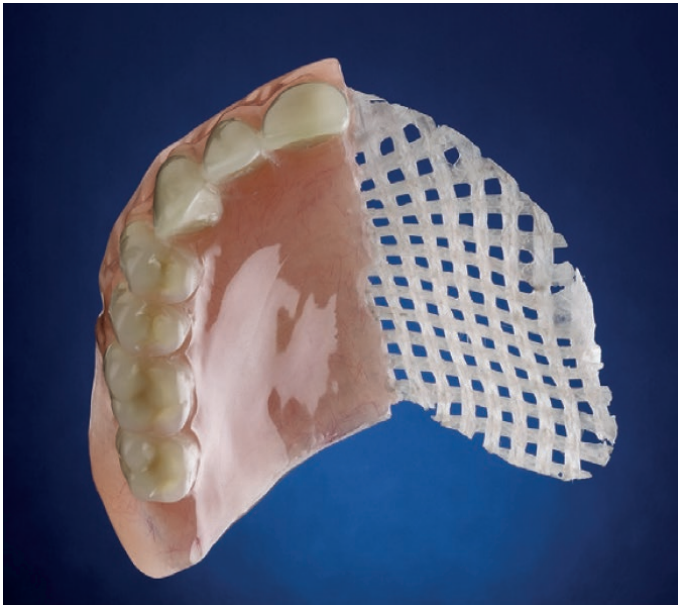
Stain 1ml							
Clear 6ml	White	Milky	Pink	Salmon Pink	White Violet	Violet	Orange
	Wht	Mky	Pnk	SPnk	WVlt	Vlt	Dk Org
							
	Dark Orange	Red	Yellow	Blue	Brown	Red Brown	Dark Brown
	Dk Org	Red	Yel	Blu	Brn	R Brn	Dk Brn
							
	A Shift	B Shift	C Shift	D Shift	Gray	Black	Clear
	A Sft	B Sft	C Sft	D Sft	Gry	Blk	Clear

NOTE: These are internal stains



FIBERFORCE™

FIBERFORCE™ PROSTHETIC REINFORCEMENT MESH



The simple FIBERFORCE™ technique is an ideal option to offer to all patients in need of full dentures. FIBERFORCE™ utilizes advanced e-glass fibres that are specially treated and impregnated with a lightcured resin.

- 3 times the strength of traditional dentures
- Bonds to all methacrylate resins for a “monobloc” design
- Aesthetic - uses translucent fibres that are invisible once in place
- Thinner, more comfortable and lightweight dentures
- Ideal combination of strength, flex, comfort and cost for implant-supported dentures
- Techniques are fast, easy and offer consistent results
- Much easier to mould, handle and use than metallic alternatives
- Biocompatible and metal-free

CODE	DESCRIPTION	QUANTITY
08001	Braid, Pink (00.8x1 50mm)	Pkt of 2
08002	Braid, Pink (02.2x1 50mm)	Pkt of 2
08003	Braid, White(00.8x1 50mm)	Pkt of 2
08011	Braid, White(02.2x1 50mm)	Pkt of 2
08004	Mesh, Pink (80x53mm)	Pkt of 2

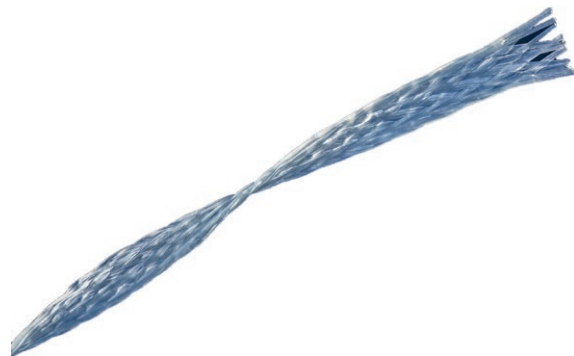
FIBERFORCE® LIGHT CURE RESIN



Use in the framework fabrication process to create tissue stops. FIBERFORCE™ Light Cure Resin can also be used to tack the framework to the model when using an injection process, and as a repair acrylic to replace cold cure acrylic.

CODE	DESCRIPTION	QUANTITY
08027	1 x syringe pink (3ml)	5 x cannulae
08028	1 x syringe white (3ml)	5 x cannulae

FIBERFORCE® RIBBON



For use in intra-oral splinting, such as: stabilizing mobile teeth, immediate tooth replacement, post-orthodontic splinting, reinsertion of teeth lost to trauma. Can also be used in the laboratory for reinforcing long span and/or long term temporary restorations, Composite Maryland bridge, repair of broken appliances, etc.

CODE	DESCRIPTION	QUANTITY
08015	White (2.0x0.5x1 50mm) (3ml)	Pkt of 2

FIBERFORCE™

FIBERFORCE® UNIDIRECTIONAL FIBRE



Resin impregnated uni-directional fibres, - semi rigid impregnated with a light cure resin.

- Recommended where maximum resistance and reinforcement is required.

CODE	DESCRIPTION	QUANTITY
08013	White (02.0x150mm)	Pkt of 2

FIBERFORCE® EZ VAC VACUUM FORMING SYSTEM



A simple-to-use vacuum forming device specifically designed to allow the manufacture of perfectly adapted, thin FIBERFORCE™ reinforcements - every time. Through the use of a vacuum pump, a silicone membrane pulls down on the Splintvac mesh to precisely adapt the mesh to the model. The result is then inserted into a light-curing unit and quickly cured into its final shape.

CODE	DESCRIPTION
17002	Splintvac unit+ 3 silicone membranes
13002	Pkt of 3 silicone membranes

FIBERFORCE CST™

CABLE STAYED TECHNOLOGY

CABLE STAYED TECHNOLOGY (CST) LINK



The CST Link system is ideal for recording the spatial positions for implant abutments.

CODE	DESCRIPTION
08111	Kit comprising 2 x Blue Fibre (Hybride 1 :4) 01.2mm, 750 mm, 1 x Blue Resin Light Cure, 3 ml+ 10 Cannulae ET, 2 x Transparent Silicone, 50ml + 6 x Tip G-Mixer 18/20
08112	Refill kit comprising 1 x Blue Fibre (Hybride 1 :4) 01.2mm, 750 mm
08097	Fibre Pink (Hybrid 1 :6) 01.3 x 450mm x)
08098	Fibre Pink (Hybrid 1 :4) 01.2 x 300mm x 1





Pleated Calico Polishing Mop With Metal Center & Plastic Hub

Our very popular pleated calico mop – the best for pumicing and or pre-polishing (best with Tripoli) prior to high shine with a swansdown mop and Vonax.


- Calico
- For rotations up to 1,400/min

CODE	QUANTITY	 mm	 mm
43N100F	1	13	100



Cotton Miniature Polishing Mop

- Cotton
- Recommended speed: max. 10.000 rpm

CODE MOUNTED	SHANK Ø mm	 mm
219B-H	2,34 / 3,0 / 3,175	22



Lathe brush

- 2 rows of chungking bristles

CODE	QUANTITY	 mm	 mm
98-2070	10	50	70






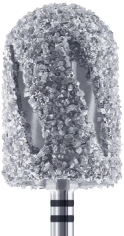



DiaTWISTER Diamond Burs

Specially arranged aperture slits characterize the working part of DiaTWISTER instruments. These slits ensure excellent air circulation while grinding and prevent the material from overheating. This reduction in the generation of heat also prevents the instrument from clogging. The instruments' one-piece design guarantees precise concentric running and a long service life.





The DiaTWISTER range have been tried-and-tested and offer the most appropriate instrument for each users' working technique.








Mega Coarse Grit

				
DT4880	085	100	120	
Length (mm)	12.5	15	18	





Mega Coarse Grit

			
DT4854R	100	120	
Length (mm)	16	19	

Super Coarse Grit

				
DT5880	080	095	115	
Length (mm)	12	15	18	

Super Coarse Grit

			
DT5854R	095	115	
Length (mm)	15.5	18.5	



Rosehead Carbide Burs

1

H/HP/PM	1.003	1.004	1.005	1.006	1.007	1.008	1.009	1.010	1.012	1.014	1.016	1.018	1.021	1.023	1.025	1.027
ISO 500 104 001 001															•	•

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Shorties

Fine double cut

•For metal alloys, plasters and resins - fine finishing

BUSCH	S422FX	S423FX	S426FX	S427FX	S430FX	S431FX	S431FX	S433FX	S433FX
ISO Ø	023	023	023	023	023	014	023	014	023

Medium double cut

•For metal alloys, plasters and resins - shape milling

BUSCH	S422X	S422X	S423X	S423X	S426X	S427X	S428X	S430X	S431X	S431X	S433X	S433X
ISO Ø	014	023	014	023	023	023	023	023	014	023	014	023

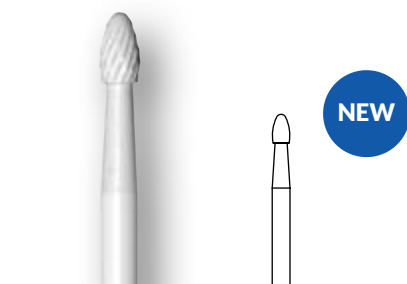


Ceramic Burs

NOT SUITABLE FOR METALS!

Fine X-cut

- Acrylics: working out, shape milling
- Pre-sintered zirconia: occlusal and oral structuring



BUSCH	K423FX
ISO Ø	023



Medium Double Cut

- Acrylics: working out, shape milling
- Pre-sintered zirconia: shape corrections and cleaning the point of attachment

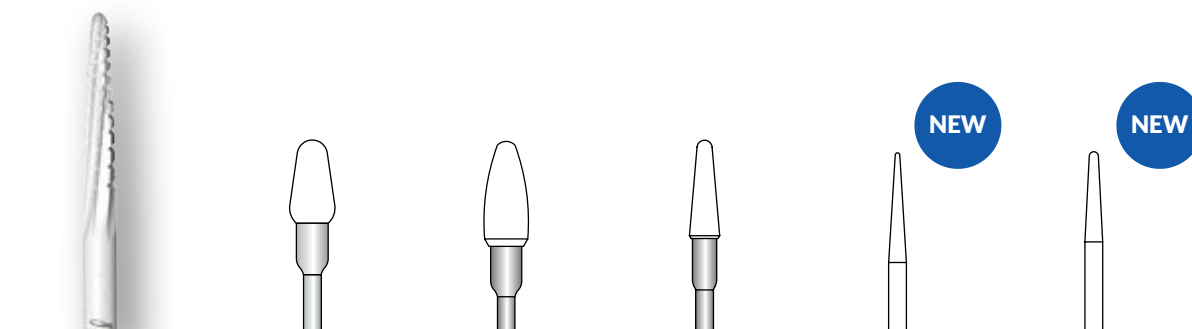


BUSCH	K426X	K433X
ISO Ø	023	016



Coarse Power GQSR-cut

- Non-hardening and soft acrylics: working out
- Pre-sintered zirconia: shape corrections and cleaning the point of attachment



BUSCH	K424GQSR	K425GQSR	K429GQSR	K432GQSR	K433GQSR
ISO Ø	060	060	040	023	023





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