

# Greater Versatility is the Key to Success

## Success® Injection System

The Success Injection System combines the precision of high-pressure injection with the top performance of Lucitone® denture base materials. The result is a wide variety of dental appliances delivered with more consistency and greater accuracy than the standard compression molding technique.

The high-pressure injection drives resin into a closed flask to deliver precise adaptation of the model. Injecting denture resin under continuous pressure fills all voids completely and compactly, eliminating the need for trial packing. The closed-flask injection significantly reduces the chance for change in vertical dimension of occlusion. This kind of precision means few, if any, occlusal processing errors for a great fit.

### Success - The Most Versatile Injection System

	Success®	IvoBase®	Ivocap®	Valplast®	tcs®	FlexPress®
Heat Cure Acrylic	X	X	X			
Pour Acrylic	X					
Thermoplastic	X			X	X	X
Microwave	X					
Silicone Soft Liner	X					



## Trubyte® Denture Teeth

Trubyte denture teeth provide dental laboratories options to address multiple patient needs for full and partial dentures.

**Portrait® IPN®** - The most life-like tooth with a unique multi-part blend providing the optimum in shading and youthful translucency. For the best in material durability and natural anatomy.



Superior Premium

**Bioform® IPN®** - A denture tooth providing muted striations on the labial surfaces delivering a more monochromatic appearance that is well suited for a natural, mature and distinguished smile.



Balanced Premium

**TruExpression®** - The denture tooth that offers a harmony of “True-to-Life” shade blending and durable materials. For the next step in improved dental appearance and functional durability.



Custom Deluxe



DENTSPLY International, Inc. is a multinational healthcare corporation with operations around the globe and a rich history of excellence. For over a century, DENTSPLY has been committed to providing the dental community with innovative, high-quality, cost-effective dental products For Better Dentistry. From humble beginnings in 1899, the Company has grown to become one of the largest professional dental product manufacturers in the world.

DENTSPLY Trubyte, historically known for quality denture teeth manufacturing, is part of the larger DENTSPLY Prosthetics Division which offers a comprehensive range of removable and fixed products, as well as centralized manufacturing services, enabling labs of all sizes to be more efficient and effective - Lab Smarter®.

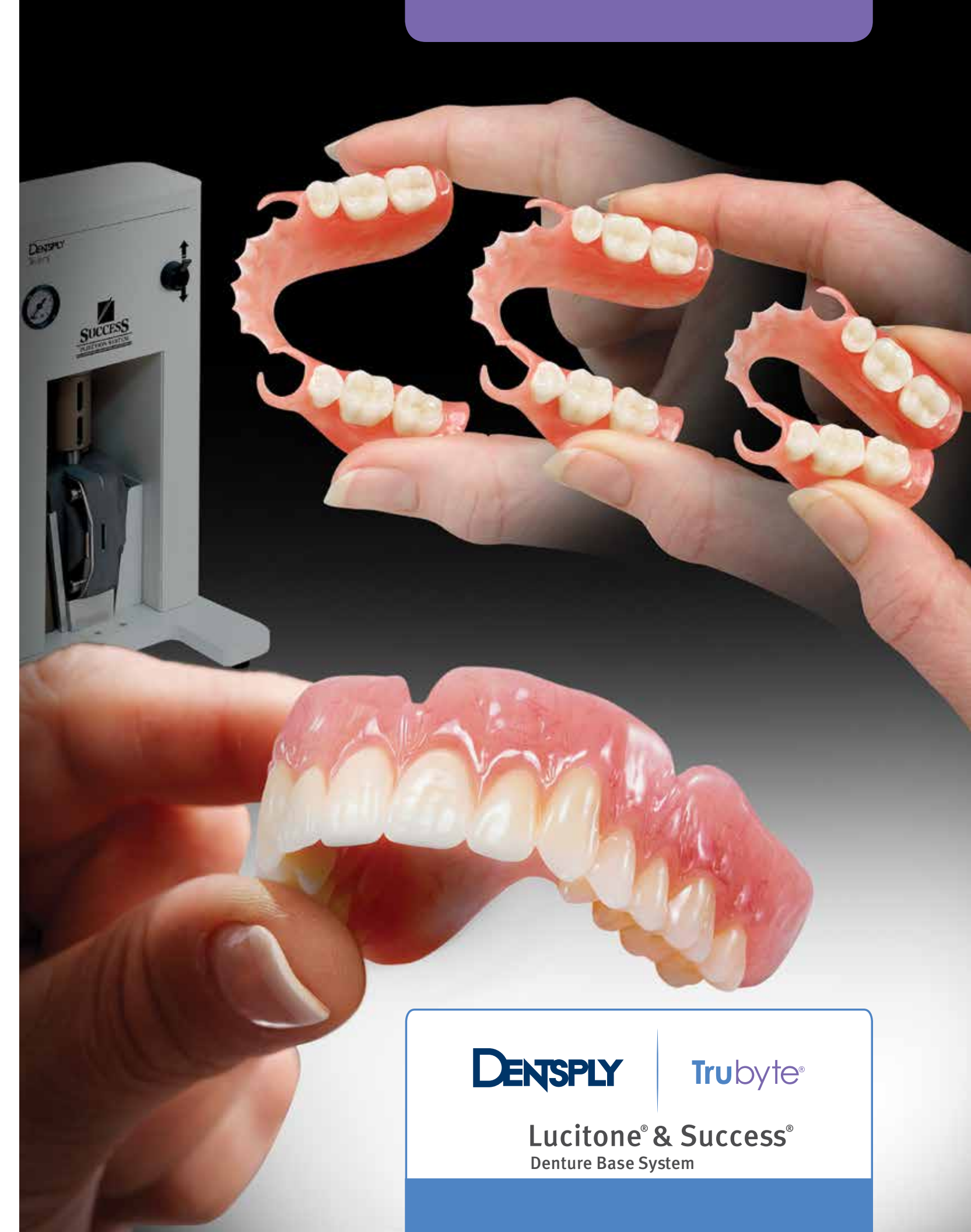
DENTSPLY International, Inc.  
DENTSPLY Trubyte  
570 West College Avenue  
York, PA 17401  
prosthetics.dentsply.com  
1-800-243-1942

Distributed By:  
DENTSPLY Canada  
161 Vinyl Court  
Woodbridge, ON  
L4L 4A3  
1-800-263-1437

<sup>1</sup>Physical properties of four acrylic denture base resins, Meng TR Jr, Latta MA J Contemp Dent Pract. 2005 Nov15;6(4):93-100.

<sup>2</sup>Mechanical Property Comparison by DENTSPLY Prosthetics. Data on File.

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Lucitone® & Success®  
Denture Base System

# The Industry's Leading High-Impact Denture Base

## Lucitone 199® Denture Base Resin

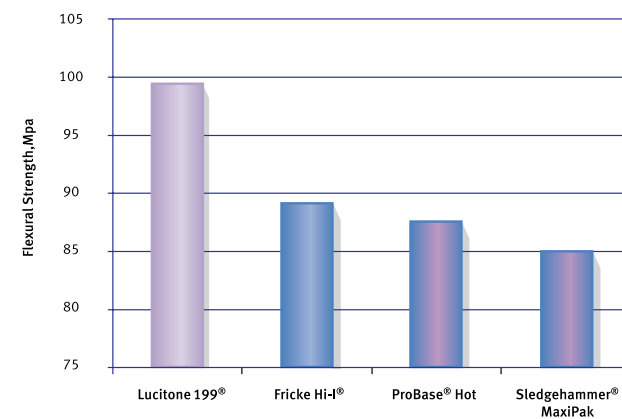
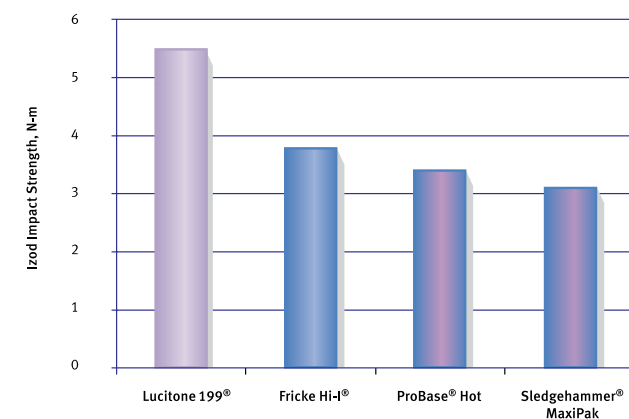
With over 40 years of clinical success, Lucitone 199 is part of the industry's leading denture base resin family that is top of mind for both dental laboratories and dentists alike. Dentists know and trust Lucitone 199 in their dentures, and have for years.

Lucitone 199 is the premium choice for both tissue and implant-supported full and partial dentures, offering outstanding aesthetics, high impact resistance, and superb flexural strength.



- Industry standard for premium high-impact denture base resins. Trusted and reliable.
- Superior high-impact resistance and flexural strength. Resists breakage.
- Balanced translucency and excellent vein simulation. Delivers aesthetic results.
- Compression packed, injected or microwavable if injected. Adapts to laboratory processes.
- Available in Original, Light, Light Reddish Pink and Dark Pink shades. Covers patients' needs.
- Available in various packaging sizes and powder/liquid kits. Provides options for laboratories of any size.

Izod Impact Strength and Flexural Strength of Denture Base Materials<sup>1</sup>



# Premium Aesthetics and Customizable Flexibility

## Lucitone® FRS® Flexible Denture Resin

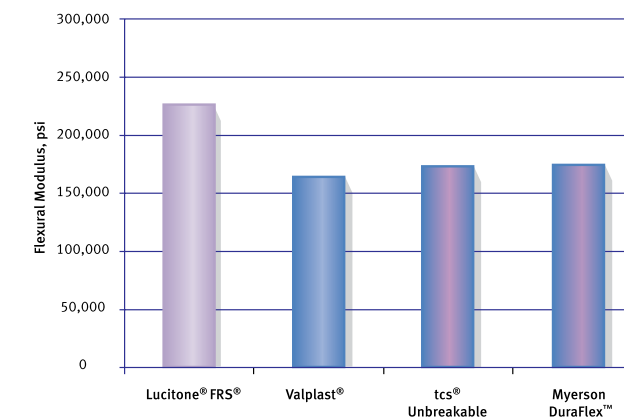
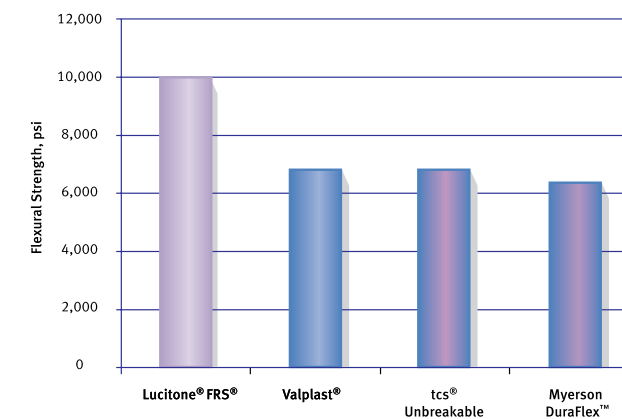
Designed for use with the Success® Injection System, Lucitone FRS Flexible Denture Resin is a temporary thermoplastic injectable resin that offers customizable flexibility, high-impact resistance and transparency, delivering aesthetic removable partial dentures and clear or colored clasps.

Lucitone FRS enables dental laboratories to provide a range of flexibility from a firmer more resilient design (2mm thickness) all the way to a super flexible partial (1.5mm thickness) for an individualized restoration.



- Semi-crystalline nylon composition for improved color stability and stain resistance. Provides aesthetics.
- Easy to finish and polish due to the microcrystalline structure. Saves time.
- Monomer- and metal-free. Non-irritating.
- Available in Original, Light Pink, Light Reddish Pink, Dark Pink and Clear shades. Aesthetic shade options.
- Clear shade for fabrication of clear clasps, occlusal splints, and night guards. Offers greater versatility.
- Available in three (3) cartridge sizes: Small, Medium and Large. Adapts to laboratory needs.

Mechanical Property Comparison – Lucitone FRS vs Competitive Materials<sup>2</sup>



# A Lucitone® Denture Resin for Every Need

## Lucitone® Fas-Por™+

Lucitone Fas-Por+ is a pourable denture resin that delivers speed to the production process without sacrificing quality. Lucitone Fas-Por+ provides excellent strength, aesthetics and color stability, due to its special polymerization chemistry.



- For the fabrication of full or partial dentures or other removable appliances, repairs or relines
- Fast processing and curing time - requires no bench setting
- Excellent handling characteristics - flows very easily
- Available in Original, Light, Light Reddish Pink and Dark Pink shades

## Hy-Pro Lucitone®

Hy-Pro Lucitone is a high-production, high-quality denture base resin that offers excellent strength, fracture resistance, dimensional and color stability.



- Quick set-up time – ready to pack in 3 minutes
- Up to 60 minute working time
- Available in Fibered Light, Pink, Fibered and Fibered Dark shades

## Characterized Lucitone®

Characterized Lucitone is a highly characterized denture base resin with long fibers that achieve realistic vascular simulation.



- Available in Light, Light Reddish Pink and Reddish Pink shades
- Gingival tone powders available

## Lucitone® Clear

Lucitone Clear is a quality resin with excellent physical strength properties that can be compression packed or injected.



- Flexural strength
- Transparency

## Lucitone 199® Repair Material

Lucitone 199 Repair Material provides excellent bond strength and a high-polish finish.



- Aesthetic
- Reliable
- Available in Original, Light, Light Reddish Pink and Dark Pink shades

## Luci-Sof® Soft Denture Liner

Luci-Sof Soft Denture Liner is a long-term denture liner that creates an excellent bond to the denture base and stays soft and flexible.



- Long lasting soft reline
- Stain resistant
- Available in pre-mixed sheets or injectable cartridges

## Lucitone Processing Methods

	Compression Packed	Poured	Injected	Microwave Processed
Lucitone 199®	X		X	X
Lucitone® FRS®			X	
Lucitone® Fas-Por™+		X	X	
Hy-Pro Lucitone®	X		X	
Lucitone® Clear	X		X	
Characterized Lucitone®	X			
Lucitone 199® Repair	X			
Luci-Sof® Soft Denture Liner	X		X	