

# VISICLEAR<sup>®</sup> CAD PARTIALS

## THE CLEAR CHOICE FOR AESTHETIC FLEXIBLE PARTIALS

Myerson VisiClear is an advanced thermoplastic for making semi-translucent flexible partial dentures and clasps. VisiClear delivers improved aesthetics, stain-resistance, and ease of use compared to competing nylon flexible materials. VisiClear is now available in a milling disc, which integrates seamlessly into a digital workflow.



- Size: 98 mm
- Thicknesses: 15mm, 20mm and 25mm
- Mills fast and cleanly using standard PMMA tools
- Add clasps or make repairs quickly and easily with Myerson's HotShotElite handheld injector

Cosmetic solutions to make you smile

# VISICLEAR<sup>®</sup>

CAD PARTIALS

### Section 1: System Overview

Myerson VisiClear is an advanced thermoplastic for making semi-translucent flexible partial denture frameworks.

### Section 2: Product Composition

Ingredients	Approx % weight
Ethylene Propylene Copolymer	>99.95%
Pigments	< 0.05%

### Section 3: Technical Data

Property	Method	Nominal Value
Density-Specific Gravity	ASTM D792	.902 sp gr 23/23°C
Tensile Strength	ASTM D638	4060 psi
Tensile Elongation	ASTM D638	12.00%
Flexural Modulus	ASTM D790	1% Secant: 145000 psi
Notched Izod Impact	ASTM D256	.0988 ft lb/in
Moisture Absorption	ASTM D570	0.05%

### Section 4: Indications

Partial denture frameworks or clasps  
Occlusal splints and night guards.

### Section 5: Contraindications

Contraindications are all applications not included in SECTION 4.

### Section 6: Preparation Guidelines

General preparation guidelines for all removable appliances should be followed.

### Section 7: Design of Restoration

#### Partial denture framework (minimum thickness)

- Major connector: 1.2 mm
- Saddle area: 0.8 mm

#### Clasp on anterior tooth

- 3.0 mm where clasp joins framework, thinning to 0.7mm at tip
- Clasp on posterior tooth
- 4.0 mm where clasp joins framework, thinning to 0.7mm at tip

### Section 8: Milling

1. Mount the disc according to the CAM-System instructions. There is no enlargement factor.
2. Start the milling unit
3. Select appropriate milling strategy depending on the appliance to be fabricated.
4. Once the milling operation has completed, remove the disc containing the milled restoration(s).

### Section 9: Post Milling

1. Remove the restoration(s) from the disc using a separating disc or suitable acrylic bur.
2. To polish the restoration, load a new polishing wheel or buff with polish suitable for thermoplastic materials and buff all areas of the appliance until all scratches are removed and high shine is achieved.

**Notice:** All VisiClear discs are solely for use by or on the order of a dental professional. They are not for use by the general public or over-the-counter.

### Section 10: Handling & Storage

Please refer to SDS.

### Section 11: Regulatory

ISO 13485:2016

## Myerson VisiClear Disc Instructions

Item Code	Product	Description
08072019	VisiClear Disc	15mm
08072020	VisiClear Disc	20mm
08072021	VisiClear Disc	25mm



### Myerson Polishing kit

#### Kit includes

- Yellow Discs (6)
- Red Discs (6)
- Blue Discs (6)
- Green Discs (6)
- Plastic Mandrels (4)
- 3 inch Muslin Buff
- Fine Scratch Remover **FN-0200** (1 kit)



### Myerson Fine Scratch Remover

The Myerson Fine Scratch remover is a special polishing compound specifically designed for VisiClear, DuraFlex, DuraCetal, as well as other types of thermoplastics like acrylic, nylon or polycarbonate.

**Fine Scratch Remover** (2 oz)  
**AP-0240**



### Myerson Thermoplastic Model separator

The Key to a great polish starts with the Thermoplastic Model Separator.

**Thermoplastic Model Separator**  
(1 oz) **MS-0200**  
**TMS Swabs** (10) **MS-0202**  
**TMS Trays** (10) **MS-0201**



### Myerson Duraflex Cleanser

Ideal for flexible partials or any other removable dental appliance. Removes superficial stains including coffee, tea, plaque and calculus build-up.  
**DuraFlex Cleanser** (6 oz, 170g)