Scientific Studies confirm Radica performance exceeds other temporary resins.
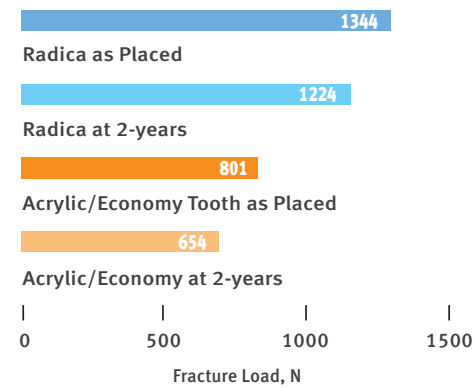
Superior Wear Resistance

← Better Durability

	Volumetric Wear, Multiples
Radica	1.0
Sculpture Plus (Pentron)	
Gradia Indirect (GC)	

0   0.5   1.0   1.5   2.0   2.5

Volumetric Wear, Multiples
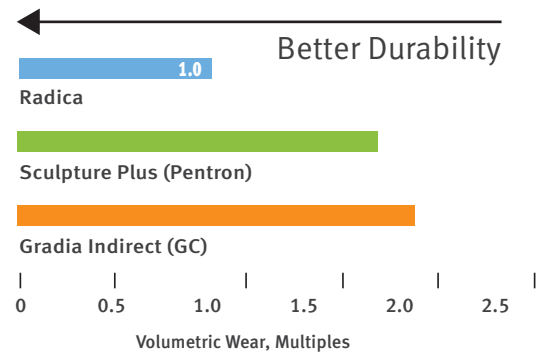
- Radica wear is up to 2X lower than permanent composites.

Jain V, Platt J, Moore BK, Borges GA, Wear in second generation laboratory composites, J. Dent Res; 2008: 87- A, 0378.
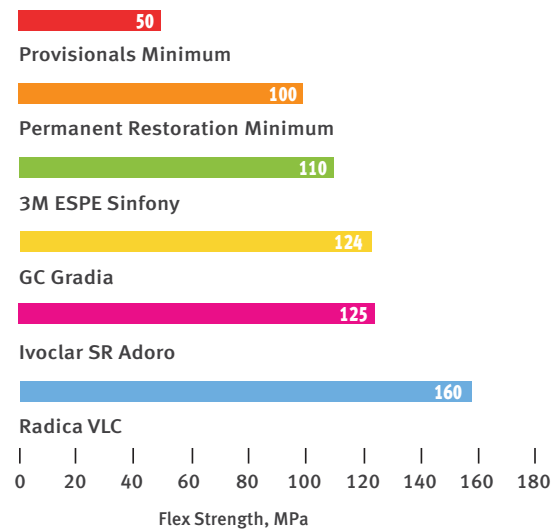
Long-Term Durability

	Fracture Load, N
Radica as Placed	1344
Radica at 2-years	1224
Acrylic/Economy Tooth as Placed	801
Acrylic/Economy at 2-years	654

0   500   1000   1500

Fracture Load, N

- Suitable for long-term use.

Lang R, Rosentritt M, Handel G, Fracture Resistance of Reinforced Provisional Crown & Bridge Restoration Materials, J. Dent Res; 2007: 86- A, 1973.

Superior Strength (160 MPa)

	Flex Strength, MPa
Provisionals Minimum	50
Permanent Restoration Minimum	100
3M ESPE Sinfony	110
GC Gradia	124
Ivoclar SR Adoro	125
Radica VLC	160

0   20   40   60   80   100 120 140 160 180

Flex Strength, MPa

- Flexural strength is the load bearing capability!
- Radica's flexural strength exceeds standards for permanent composite restorations, as well as competitive materials for permanent restorations.

LabLocator www.prosthetics.dentsply.com/support/lab-locator/radica

3M ESPE Sinfony, Ivoclar SR Adoro, GC Gradia & Sculpture Plus (Pentron) are not registered trademarks of DENTSPLY International.

DENTSPLY

CERAMCO®
Radica®
Provisional & Diagnostic Resin

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DENTSPLY

CERAMCO®
Radica®
Provisional & Diagnostic Resin

Rx only

What is Radica®?

Radica®, a provisional and diagnostic resin, is a revolutionary material designed with excellent physical properties that enables your lab to easily create extremely durable, highly wear-resistant provisionals with superior life-like esthetics to allow you to offer more options to your accounts.

Indications

Radica is indicated for a service life of up to 2 years for:

- Single unit restorations: Crowns, Inlays, Onlays
- 3-Unit bridges up to the 2nd bicuspid
- Adding teeth to removable partial dentures

Radica System - Materials & Equipment

- 16 A-D Dentin Shades
- 2 Bleached Shades: i2 and RD-001*
- 3 Enamel Shades: Light, Medium & Translucent
- 2 Effect Dentins: Tissue Tint & Deep-Red Tissue Tint
- 5 Stains: Olive, Orange, White, Blue, Brown

- Radica Material Syringe Warmer
- Ney® Wax Pencil Pro
- Midwest® HP 1558 Burs
- Other: Sealer, Glaze, Brushes, Stain, Matrix Putty, Mixing Pad & Model Release Agent

* Keyed to Vita®1 3D Master® Shade 0M1². ¹ Vita® and 3D-Master® are registered trademarks of Vita Zahnfabrik H. Rauter GmbH & Co. ²Data available.

What can Radica® do for you?

What benefits does Radica bring to my lab?

The lab procedure is simple

The process allows for easy layering of dentin and enamel for outstanding esthetics and unparalleled durability.

Full compliment of shades

- 16 A-D
- 2 Bleached
- Variety of tissue tints, stains and enamels

Curing Unit

Radica can be cured in any DENTSPLY curing unit: Enterra®, Eclipse® Processing Unit or Triad® 2000*

*Suitable for Radica Restorations up to 38 mm mesial-distal span

Create additional source of revenue

There is no longer a need to outsource your provisional cases. The ease of use in creating durable, long-span provisionals will allow you to add a new service offering to your accounts.

Restoration created by:
Dickerman Dental Prosthetics

What benefits does Radica bring to my dental clients?

- Unparalleled durability, flexural strength and wear resistance provides confidence for your Dentists and their patients.
- The ability to use on demanding long-term cases, such as perio and implant.
- Life-like esthetics and an expanded shade offering for the most cosmetic cases.
- With minimal shrinkage, Radica requires virtually no adjustments chairside.
- Can be relined with traditional materials.
- Maintains surface gloss and resists staining.
- Engineered radiopacity is optimal for chairside CT scans or X-rays.
- Ability to add teeth to removable partial dentures efficiently.

With Radica, you no longer need to outsource your provisional work. If you don't fabricate your own provisional and diagnostics today, the Radica system is an easy way to incorporate a new revenue source for your lab.

Learn how this new material can save you time and increase your bottom line. Contact your DENTSPLY Prosthetics Sales Representative for a demonstration.