

Accurate contacts
and contours at
your fingertips.



Palodent® V3
Sectional Matrix System
Designed by Triodent®

Palodent® 360
Circumferential Matrix System

A tight seal. Predictable contacts. The right contours for clinical success.

97%

of clinicians say that achieving **proper isolation** of a Class II cavity is difficult in at least 1 out of 10 cases.¹

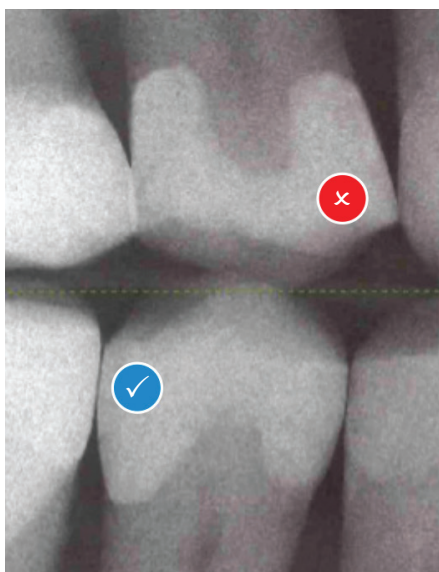
70%

of clinicians find **contact creation** to be the most challenging part of a Class II restoration.²

Palodent® matrix systems help you achieve reliable isolation with a tight gingival seal. With Dentsply Sirona's advanced designs, recreating accurate interproximal contacts has never been so easy and predictable. The anatomically shaped matrices deliver natural contours for better clinical outcomes—without bulky equipment, obstructions to your working room, or the need for extensive interproximal finishing.

Throw away your Tofflemire.

The Tofflemire was introduced in 1946 to aid in placement of dental amalgam. Today, it's obsolete technology that can lead to clinical failure when used with modern composite resins.³ Dentsply Sirona has continuously improved matrix technology to deliver the most advanced sectional and circumferential systems available: Palodent matrix systems for simpler, better restorations.



Tofflemire circumferential band restoration

- ✗ Bulky, awkward system
- ✗ Failure to restore proximal anatomy, increasing risk of fracture, recurrent caries and periodontal disease
- ✗ Thin or open contact at the marginal ridge with large food trap below
- ✗ Extensive finishing required

Palodent matrix system restoration

- ✓ Easy to use
- ✓ Natural contours
- ✓ Tight, anatomically correct contacts
- ✓ Minimal interproximal finishing

1. Dental Learning Systems, Direct Restoratives Survey, May 2016. N=143

2. DentalTown (2012). Restorative Dentistry. Monthly Poll: What is the most challenging part of Class II Restoration?

3. Owens BM, Phebus JG. An evidence-based review of dental matrix systems, "General Dentistry," September/October 2016

Palodent® V3

Sectional Matrix System

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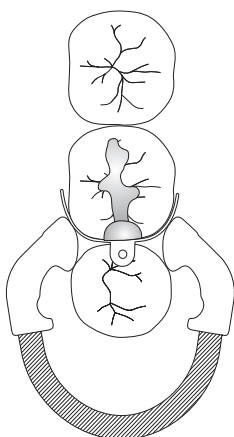


Easily achieve natural contours and tight contacts for improved outcomes. The Palodent V3 system is ideal for composite restoration of most two-surface proximal Class II cavities.

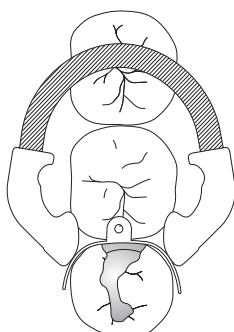


Use the Palodent® V3 system for:

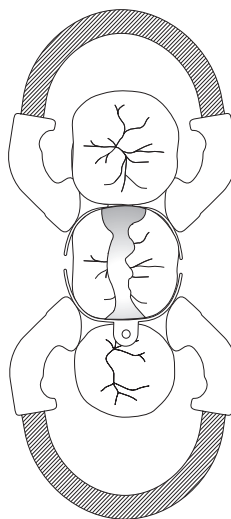
Mesial-occlusal



Distal-occlusal

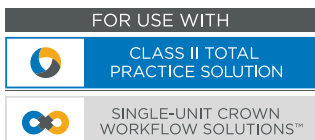


Mesial-occlusal-distal



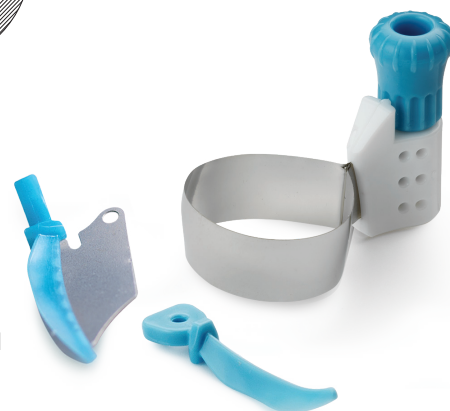
Palodent® 360

Circumferential Matrix System



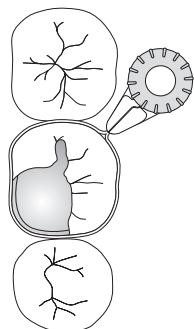
Provide natural contours and optimal contacts with a simple twist of the fingers—no awkward retainers or applicators required.

Choose the Palodent 360 system for Class II cases where a sectional matrix can't be used and for single-unit crown core build-up procedures.

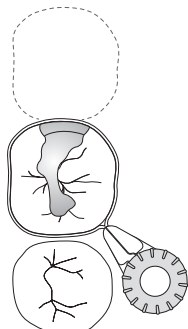


Use the Palodent® 360 system for:

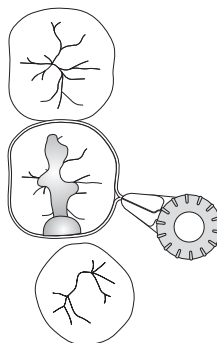
Missing cusp



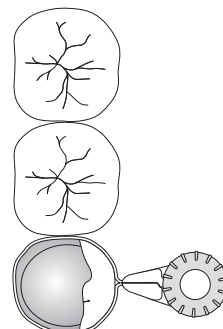
Missing adjacent tooth



Misaligned tooth



Tooth isolation for core build-up



TIP

To seat in tight interproximal spaces, pre-separate using a Palodent V3 retaining ring or a wooden wedge to temporarily create the required space.

Ordering Information

Palodent® Matrix Systems

659600v Palodent Complete System

100 V3 Matrices – 25 each: 3.5mm, 4.5mm, 5.5mm, 6.5mm
75 V3 Wedges – 25 each: Small, Medium, Large
30 V3 WedgeGuards – 10 each: Small, Medium, Large
1 V3 Universal Ring; 1 V3 Narrow Ring
1 Forceps; 1 Pin Tweezers
24 Palodent 360 Matrices – 5.5mm

Palodent® V3

Sectional Matrix System
Designed by Triodent



659670v Palodent V3 EZ Coat Introductory Kit

100 V3 EZ Coat Matrices – 20 each: 3.5mm, 4.5mm, 5.5mm, 6.5mm, 7.5mm
75 V3 Wedges – 25 each: Small, Medium, Large
30 V3 WedgeGuards – 10 each: Small, Medium, Large
1 V3 Universal Ring; 1 V3 Narrow Ring
1 Forceps; 1 Pin Tweezers

V3 Ring Refill (2)

659760v Universal - Medium Blue
659770v Narrow - Dark Blue

V3 Matrix Refill (50)

659710v 3.5mm
659720v 4.5mm
659730v 5.5mm
659750v 6.5mm
659860v 7.5mm

V3 EZ Coat Matrix Refill (50)

659610v 3.5mm
659620v 4.5mm
659630v 5.5mm
659650v 6.5mm
659660v 7.5mm

V3 Wedge Refill (100)

659780v Small - Dark Blue
659790v Medium - Medium Blue
659800v Large - Light Blue

V3 WedgeGuard Refill (50)

659830v Small - Dark Blue
659840v Medium - Medium Blue
659850v Large - Light Blue

659810v Forceps Refill (1)
659820v Pin Tweezers Refill (1)

Palodent® 360

Circumferential Matrix System

659607 Palodent 360 Intro Kit (48)

48 Matrices - 6.5mm (16),
5.5mm (24), 4.5mm (8)

Palodent 360 Matrix Refill (48)

659601 4.5mm - Dark Blue
659602 5.5mm - Medium Blue
659603 6.5mm - Light Blue



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