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.
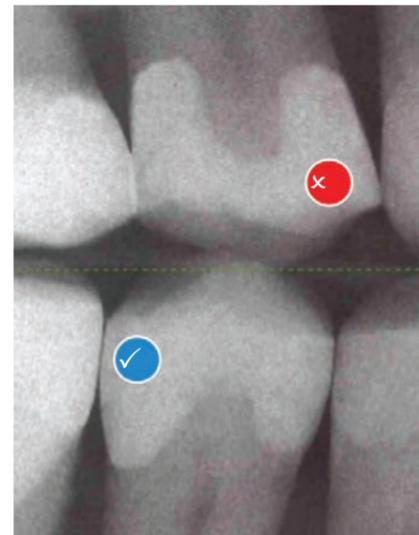# The right contours for clinical success.

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. And 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

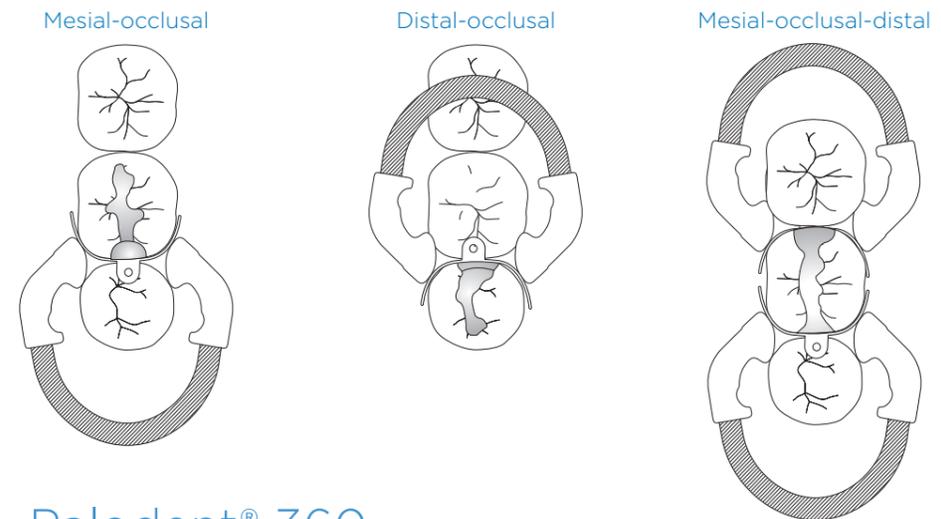✓ Tight, anatomically correct contacts

✓ 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
Designed by Triodent®

FOR USE WITH
CLASS II TOTAL PRACTICE SOLUTION

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
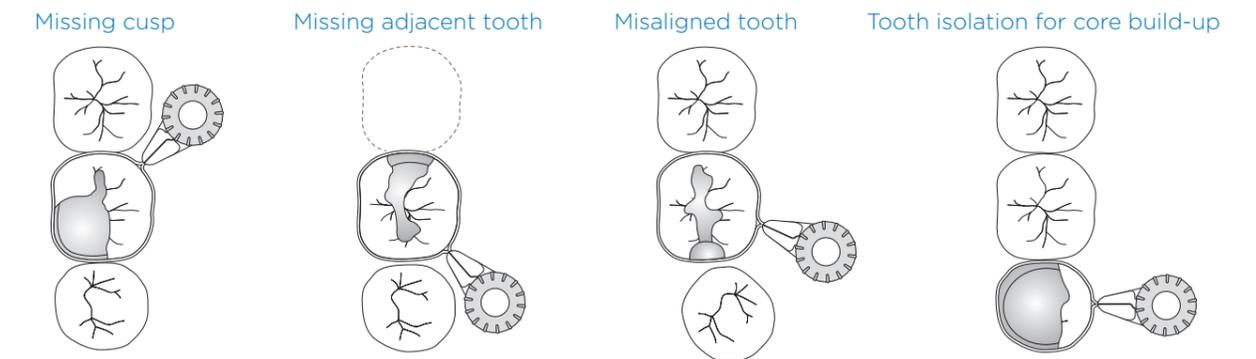
Palodent® 360
Circumferential Matrix System

FOR USE WITH
CLASS II TOTAL PRACTICE SOLUTION
SINGLE-UNIT CROWN WORKFLOW SOLUTIONS™

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-wedge using a Palodent® V3 retaining ring or a wooden wedge to temporarily create the required space.

Ordering Information

Palodent® Matrix Systems

659600v   **Complete System**
100 Palodent® V3 Matrices – 25 each size: 3.5mm, 4.5mm, 5.5mm, 6.5mm
75 Palodent® V3 Wedges – 25 each size: Small, Medium, Large
30 Palodent® V3 WedgeGuards – 10 each size: Small, Medium, Large
1 Palodent® V3 Universal Ring
1 Palodent® V3 Narrow Ring
1 Palodent® V3 Forceps
1 Palodent® V3 Pin Tweezers
24 Palodent® 360 Matrices – 5.5mm

Palodent® V3
Sectional Matrix System
Designed by Triodent®

625.00.005   **Trial Kit**
20 Matrices – Size 5.5mm
15 Medium Wedges
5 Medium WedgeGuards
2 Universal Rings
1 Forceps; 1 Pin Tweezers

659670v   **EZ Coat Introductory Kit**
100 Matrices – 20 each size: 3.5mm, 4.5mm, 5.5mm, 6.5mm, 7.5mm
75 Wedges – 25 each size: Small, Medium, Large
30 WedgeGuards – 10 each size: Small, Medium, Large
1 Universal Ring; 1 Narrow Ring
1 Forceps; 1 Pin Tweezers

Ring Refill
659900v	Universal (1)
659760v	Universal (2)
659770v	Narrow (2)

Matrix Refill
659710v	3.5mm (50)
659720v	4.5mm (50)
659730v	5.5mm (50)
659740v	5.5mm (100)
659750v	6.5mm (50)
659860v	7.5mm (50)

EZ Coat Matrix Refill
659610v	3.5mm (50)
659620v	4.5mm (50)
659630v	5.5mm (50)
659640v	5.5mm (90)
659650v	6.5mm (50)
659660v	7.5mm (50)

Wedge Refill (100)
659780v	Small – Dark Blue
659790v	Medium – Medium Blue
659800v	Large – Light Blue

WedgeGuard Refill (50)
659830v	Small – Dark Blue
659840v	Medium – Medium Blue
659850v	Large – Light Blue

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

Palodent® 360
Circumferential Matrix System

Matrix Band Refill
659601	4.5mm (48)
659602	5.5mm (48)
659603	6.5mm (48)

THE DENTAL
SOLUTIONS
COMPANY™

Dentsply Sirona