

# *Contact Matrix System*

INSTRUCTIONS

RxOnly



- Two styles of rings assure ideal placement.
- Contoured matrices for natural contour and anatomy.
- Rings spread teeth for a tight contact.
- Occlusal offset to allow stacking.
- Converging tines prevent pop offs.

D A N V I L L E M A T E R I A L S

## **Product Description**

The Contact Matrix System is comprised of several components, rings, matrices and pliers used to aid the user in restoration of the natural anatomy of teeth by reducing or eliminating the need for proximal finishing.

## **Indications for Use**

The Contact Matrix System is used in helping with the restoration of the natural anatomy of the tooth surfaces for all classes of restorations.

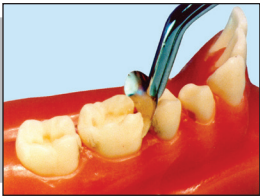
## **Precautions**

Splay can be corrected by crimping with three tine orthodontic pliers. To prevent metal hardening and risk of fracture, only a few corrections are recommended.

Rings may be steam or dry heat autoclaved.

Matrices are intended to be discarded after use.

# 1



Select and place the matrix (Two sizes are provided.)

**Note:** *to open a tight contact, the ring may be placed a few minutes in advance, removed, and then matrix and ring placed as usual.*

# 2



Select the ring. For optimal adaptation to the contour of the tooth, place the wide flat side of the tine in contact with the matrix. 'Inward' and 'Outward' rings allow the hoop of the ring to be placed in the most convenient direction.

# 3



Expand and place the ring with rubber dam or Contact Matrix forceps.

**Caution:** Excessive expansion of the ring can result in permanent splay and therefore should be avoided.

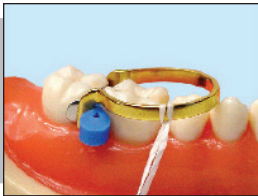
# 4



Place the flat side of the tines against the matrix. The flat, wide tines allow use on wide preps. On narrow preps, the tine orientation makes no difference.

**Note:** 'Inward' ring is shown. If the 'outward' ring was used, the hoop would span the abutment tooth.

# 5



Wedging is generally unnecessary if the gingival margin is closed and flowable composite is used for the first increment. Tines may be placed above the wedge, along side the wedge, or the wedge may be trimmed to prevent interference with the ring.

6



Unique angulation of tines allow stacking.

7



Rings may also be placed in opposite directions.

## REFILLS & ACCESSORIES

### RINGS & MATRICES









Rings 2pk (1 each inward & outward)		88038
MegaRings (1 each inward & outward)		91303
Stiff Matrix/Large	100pk	90071
Stiff Matrix/Small	100pk	90070
Thin Matrix/Large	100pk	89434
Thin Matrix/Small	100pk	89432
Ultra Thin Matrix/Large	100pk	91074
Ultra Thin Matrix/Small	100pk	91139
Subgingival Matrix	50pk	90679

### PLIERS, FORCEPS & WEDGES

Ring Pliers (Original)		90777
Wedge/Ring Pliers (Optimized for ContactWedge and Contact Ring)		91298
Mega Grip Forceps		90486
Matrix Placement Tweezers		89375
ContactWedge Kit (Small, Medium, Large)	85/ea	91015
Refill Small	85/pk	91016
Refill Medium	85/pk	91017
Refill Large	85/pk	91018

## DEFINITIONS OF SYMBOLS

The following symbols may appear on the product packaging or labeling.

Symbol	Definition	Symbol	Definition
	Reference number		Lot number
	Use by		Manufacturer
<b>RxOnly</b>	Caution: Federal law restricts this device to sale by or on the order of a dentist.		European Community Authorized Representative
	European Mark of Conformity		Consult instructions for use
	Do not reuse		





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