

SafeMatrix™ Single-Use Matrix Bands



TECHNICAL DATA SHEET

FEATURES & BENEFITS

- SafeMatrix is suitable for all MO/OD and MOD cavities, as well as for cusp build-ups and as a protection shield for the neighbouring tooth during preparation.
- May be used with all restorative materials and with wedges and rubber dams.
- Push-button diverter creates band angulation to ensure tight interproximal contact
- Narrow neck and rounded edges provide easy access and optimal visibility during treatment.
- Each matrix individually packaged. As a single-use product, it does not require reprocessing.
- Eliminates the risk of injuries to gingiva and cheeks often caused by sharp edges or corroded surfaces on metal holders.
- Patent-pending design

RECOMMENDED USE

- Single-use, disposable matrix band for use in amalgam or composite restorations in dentistry. Can be used in all quadrants of the patients mouth. No assembly or application tools required. The SafeMatrix Contour has the additional benefit of being pre-contoured to tooth shape and having a longer band for larger teeth.

PRODUCT DETAILS

Product Name:	Medicom SafeMatrix™ Single-Use Matrix Bands
Product Type:	Single-use, non-sterile
Band:	Stainless steel
Case:	ABS
Tensioning Mechanism:	Nylon
Band Deflector Pushbutton:	ABS
Adjuster Nut:	ABS
Colour:	See Appendix 1
Country of Origin:	China



STRAIGHT	STRAIGHT	CONTOUR	CONTOUR
WIDE BAND	NARROW BAND	WIDE BAND	NARROW BAND
Band width: 6 mm (¼")	Band width: 4.5 mm (½")	Band width: 6 mm (¼")	Band width: 4.5 mm (½")
Band thickness: 0.038mm	Band thickness: 0.038mm	Band thickness: 0.038mm	Band thickness: 0.038mm
Content: 50 pcs.	Content: 50 pcs.	Content: 50 pcs.	Content: 50 pcs.
Singled Packed	Singled Packed	Singled Packed	Singled Packed

PUSH BUTTON DIVERTER

User-friendly push-button diverter creates band angulation to ensure tight interproximal contact.

SLIM, TEXTURED GRIP

Narrow neck and rounded edges provide easy access and optimal visibility during treatment. Slim, indented and textured grip for better hold.

DEEP GROOVES FOR BETTER CONTROL

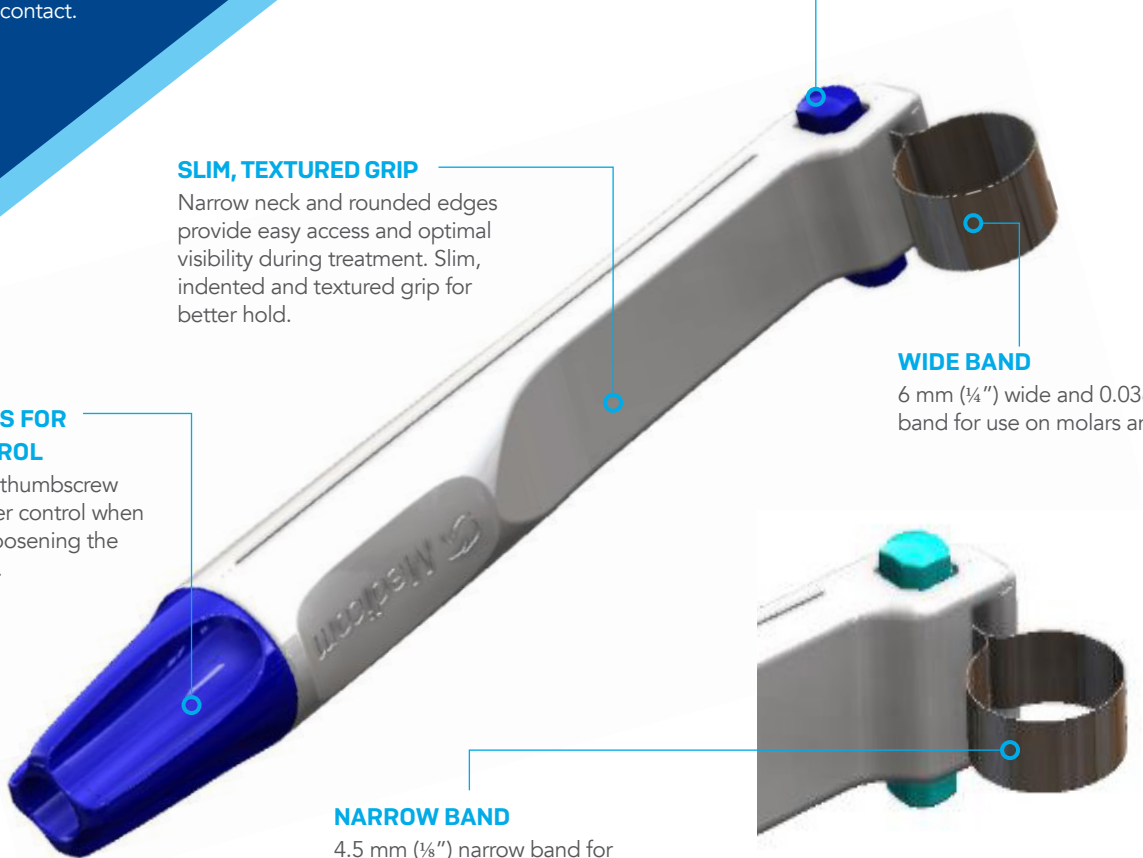
Improved, deep thumbscrew grooves for better control when tightening and loosening the SafeMatrix band.

WIDE BAND

6 mm (¼") wide and 0.038mm thick band for use on molars and larger teeth.

NARROW BAND

4.5 mm (⅜") narrow band for premolars and children's teeth.



CERTIFICATION & STANDARDS

ISO 13485 certified manufacturer.
Class 1 Medical Device.
Health Canada registered medical device manufacturer.

STORAGE CONDITIONS

These bands should be disposed of after each use.
Dispose in appropriate sharps container.
Store in a cool, dry place.
Ambient temperature: -25 - 70 °C (-13 - 158 °F)
Relative humidity: 10 - 90%



USAGE DIRECTIONS

- Before use, click on diverter button to adjust band to suit mouth quadrant in which the SafeMatrix band will be used.
- Fit band around tooth and tighten by turning thumbscrew clockwise. Do not overtighten. For larger teeth, unscrew band counterclockwise.
- Apply wedges and shape band using a suitable burnishing tool, if necessary.
- To remove band, loosen it by turning thumbscrew 2-3 turns counterclockwise.



Appendix 1 (List of items)

Item Code	Description	Packaging Information	Size	Color	Treatment	Marketed in USA as	Marketed in Canada as
30045	Medicom SafeMatrix Band, Wide	50 Device/Box, 8 Boxes/Case, 400 Devices/Case	6mm	Blue	Non-Sterile	Medical Device Class 1	Medical Device Class 1
30050	Medicom SafeMatrix Band, Narrow	50 Device/Box, 8 Boxes/Case, 400 Devices/Case	4.5mm	Green	Non-Sterile	Medical Device Class 1	Medical Device Class 1
30055	Medicom SafeMatrix Contour Band, Wide	50 Device/Box, 8 Boxes/Case, 400 Devices/Case	6mm	Orange	Non-Sterile	Medical Device Class 1	Medical Device Class 1
30060	Medicom SafeMatrix Contour Band, Narrow	50 Device/Box, 8 Boxes/Case, 400 Devices/Case	4.5mm	Yellow	Non-Sterile	Medical Device Class 1	Medical Device Class 1

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