

CONVERSION GUIDE

Separator Rings	Strata-G™	3D Fusion™
Palodent Plus Matrix Rings Narrow-2pk - 659770	SG400 Universal	FX400 Universal
Palodent Plus Matrix Ring Universal-2 pk - 659760	SG500 Tall	FX500 Tall

Garrison also offers a Wide Prep ring in both our Strata-G (SG600) and 3D Fusion (FX600) product lines.

Wedges

Palodent Plus Large Wedge (white) 100 ct - 659800	*SGOR	FXOR
Palodent Plus Medium Wedge (light blue) 100 ct - 659790	*SGBL	FXBL
Palodent Plus Small Wedge (dark blue) 100 ct - 659780	*SGYL	FXYL

**Strata-G wedges are wider than other Garrison wedges. We recommend sizing down one size.*

Bands

Palodent Plus EZ Coat Matrix (gray) 3.5 mm 50 ct - 659610	SG050-M 3.5 mm	N/A
Palodent Plus EZ Coat Matrix (purple) 4.5 mm 50 ct - 659620	SG100-M 4.5 mm	FX100-M 4.0 mm, w/ext 4.4 mm
Palodent Plus EZ Coat Matrix (blue) 5.5 mm 50 ct - 659630	SG175-M 5.5 mm	FX175-M 5.0 mm, w/ext 5.6 mm
Palodent Plus EZ Coat Matrix (light blue) 6.5 mm 50 ct - 659650	SG200-M 6.5 mm	FX200-M 5.4 mm, w/ext 6.6 mm
Palodent Plus EZ Coat Matrix (light gray) 7.5 mm 50 ct - 659660	SG300-M 7.5 mm	FX300-M 6.0 mm, w/ext 8.7 mm

3D Fusion™ Firm

Palodent Plus Non-Coated Matrix 3.5 mm 50 ct - 659710	N/A	N/A
Palodent Plus Non-Coated Matrix 4.5 mm 50 ct - 659720	N/A	FXH100-M 4.3 mm or FXH150-M 4.3 mm, w/ext 5.9 mm
Palodent Plus Non-Coated Matrix 5.5 mm 50 ct - 659730	N/A	FXH175-M 5.3 mm
Palodent Plus Non-Coated Matrix 6.5 mm 50 ct - 659750	N/A	FXH200-M 6.1 mm
Palodent Plus Non-Coated Matrix 7.5 mm 50 ct - 659860	N/A	FXH300-M 6.1 mm, w/ext 7.7 mm

Garrison

Strata-G™

Composi-Tight® 3D Fusion™

Competitor



Separator Rings

Spring material	Nitinol (drawn-wire—molecularly aligned nickel titanium) is strong and resilient; rings are easier to open yet hold their tension longer	Stainless spring steel—strong and durable, high clamping force, but can be more difficult to open	Laser cut/sintered plate nickel titanium—strong but brittle; rings will stretch out and may fail
Reinforcement	Ultra-durable PEEK—increases tooth-separating pressure and longevity	Ultra-durable PEEK—increases tooth-separating pressure and longevity	Not available
Flash control	Enhanced bonded silicone Soft-Face™—maximum flash reduction with maximum lifespan	Original silicone tips—dramatically improved adaptation and flash reduction compared to hard tips	Flat hard tips—poor matrix band adaptation and no flash control
Tooth retention (stays on the tooth)	Modified retention extensions for maximum tooth grip with less impingement on the gingiva	Retention extensions added to all rings for excellent tooth grip	Flat tips with no retention geometry; easily displaced
Marginal ridge assist	Built directly into the Soft-Face™ silicone tips to help you form ideal anatomy	Not available	Not available
Wide preparations	Improved with all of the above Strata-G™ system features; green wide prep ring	Dentistry's first wide prep ring (green)	Not available
Pedodontic applications	Short blue ring works well on primary molars	Short blue ring works well on primary molars	Cannot adequately grip small teeth
Distal of the canine	Short blue ring grips well in this position	Short blue ring grips well in this position	Cannot adequately grip in this position

Bands



Dead-soft	Yes	Yes	Yes
Thickness (including coating)	0.0016"	0.0016"	0.0016"
Non-stick coating	Invented by Garrison®	Invented by Garrison®	Yes
Enhanced marginal ridge	Yes	Not available	Not available
Pedodontic specific band	Yes	Not available	Not available
Firm Bands for challenging cases	Yes, included in kit; specially tempered 0.0015" stainless steel does not deform	Available, not included in regular kit; specially tempered 0.0015" stainless steel does not deform	Not available



Wedges

Cervical seal	Excellent—Soft-Face™ fins combined with flexible sidewalls maximize adaptation	Good—Soft-Face™ sides and fins adapt to tooth anatomy	Moderate—flexible sidewalls will not adapt as easily as individual fins
Stacking multiple wedges	Yes	No	Yes
Wedge back-out	Excellent—flexible fins prevent back-out	Excellent—flexible fins prevent back-out	Good—hourglass shape helps prevent back-out
Gentle to the tissue	Excellent—the smooth tunnel design and rounded edges reduce trauma	Good—rounded bottom edges, curved to avoid piercing tissue	Poor—sharp bottom edges abrade delicate tissue

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