

Zirlux[®] Complete

Your All-In-One

Multi-Functional Zirconia Solution



Zirlux Complete exhibits 1000MPa that allows for a full range of indications from single-unit restorations to multiple units for rehabilitation cases. A consistent blend of shading elements combined with a cold isostatic pressing manufacturing process creates a highly esthetic zirconia disc. The consistency of the isostatic press provides an even distribution of strength and esthetics for consistent shade and strength with better clinical and patient acceptance.

- High strength, high translucency multi-layered zirconia with low opacity and more resistance fracture
 - 1000MPa
 - <47% Translucency
- Reduce inventory costs with suitability for a wide range of indications
- Spend less time post-processing with natural-looking esthetics and smooth transitional blend of shading characteristics

Indications:

- Full Contour Crowns • Full Contour Bridges • Veneers
- Inlays/Onlays • Copings and Frameworks

Physical Characteristics

Density before sintering	≥6.0 g/cm ³
CTE after sintering (25–500°C)	(10.5 ± 1.0) x10 ⁻⁶ K ⁻¹
3-point flexural strength after sintering	600MPa
Accelerated aging surface monoclinic phase content	<5%
Chemical solubility after sintering	<100µg/cm ²
Cytotoxicity test	0 level
Radioactivity after sintering	<0.1Bq/g
Sintering Temperature	1430–1470°C (1450°C recommended)

Chemical Composition

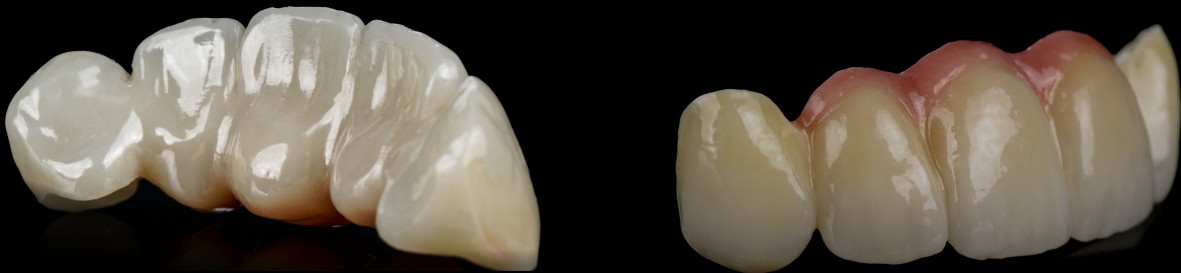
ZrO ² +HfO ₂ +Y ₂ O ₃	> 96.5%
Y ₂ O ₃	5.8%-9.7%
Al ₃ O ₃	< 0.5%
Fe ₂ O ₃	< 0.5%
Er ₂ O ₃	< 2.0%
Others Oxides	< 0.5%

*VITA is a registered trademark of Vita Zahnfabrik.

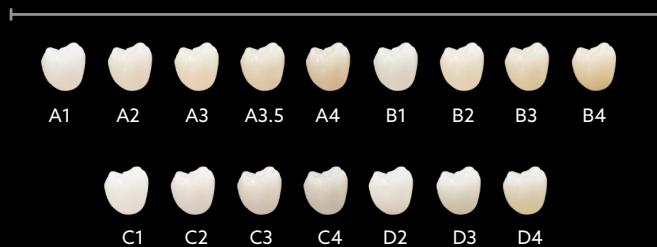


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All 16 VITA[®] Shades Now Available! *



	98.5 x 10	98.5 x 12	98.5 x 14	98.5 x 16	98.5 x 18	98.5 x 20	98.5 x 22	98.5 x 25
A1	901-2989	901-2990	901-2992	901-2993	901-2995	901-2997	901-2998	901-2999
A2	901-3001	901-3002	901-3003	901-3004	901-3005	901-3006	901-3008	901-3009
A3	901-3010	901-3011	901-3012	901-3014	901-3015	901-3016	901-3017	901-3018
A3.5	901-3019	901-3020	901-3021	901-3022	901-3023	901-3024	901-3025	901-3027
A4	901-3028	901-3029	901-3030	901-3031	901-3032	901-3033	901-3034	901-3035
B1	901-3036	901-3037	901-3038	901-3039	901-3040	901-3041	901-3042	901-3043
B2	901-3044	901-3045	901-3046	901-3047	901-3048	901-3050	901-3051	901-3052
B3	901-3053	901-3054	901-3055	901-3056	901-3057	901-3058	901-3059	901-3061
B4	901-3062	901-3063	901-3066	901-3067	901-3068	901-3069	901-3070	901-3071
C1	901-3072	901-3073	901-3075	901-3076	901-3077	901-3078	901-3079	901-3080
C2	901-3081	901-3082	901-3083	901-3084	901-3085	901-3086	901-3087	901-3088
C3	901-3089	901-3091	901-3092	901-3093	901-3094	901-3095	901-3096	901-3097
C4	901-3098	901-3100	901-3101	901-3102	901-3103	901-3104	901-3108	901-3109
D2	901-3110	901-3111	901-3113	901-3114	901-3116	901-3117	901-3118	901-3119
D3	901-3120	901-3121	901-3122	901-3123	901-3124	901-3125	901-3126	901-3127
D4	901-3128	901-3129	901-3130	901-3132	901-3133	901-3134	901-3136	901-3137