



Sagemax

# Zirconia for all your needs.

The Sagemax zirconia portfolio offers you the right disc for any requirement. Whether single-color zirconia (Mono) for wide-span framework structures or highly esthetic multi-zirconia (Multi) for monolithic anterior restorations - with the Sagemax zirconia portfolio, you will receive high-quality materials for your dental laboratory. In the following overview, you will find our usage recommendations for all Sagemax zirconia discs.

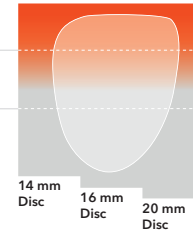


Esthetics \*\*\*  
Range of indications \*\*

## NexxZr. Multi 2.0



Incisal  
3 mm



5Y-TZP  
650 MPa  
49% Translucency

Mixture  
4 mm

Average values

Dentin  
7, 9 or 13  
depending on  
disc thickness

4Y-TZP  
850 MPa  
45% Translucency

Single unit restorations      3-unit bridges      Multi-unit bridges with max. 2 connected pontics



Multi



Staining technique \*\*\*  
Cut-back technique \*\*  
Layering technique \*

Mono



Staining technique \*\*  
Cut-back technique \*\*\*  
Layering technique \*

Staining technique \*\*  
Cut-back technique \*\*\*  
Layering technique \*

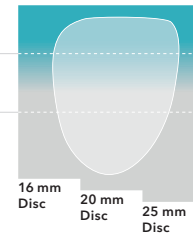
Staining technique \*  
Cut-back technique \*\*  
Layering technique \*\*\*



## NexxZr.T Multi



Incisal  
3 mm



5Y-TZP  
650 MPa  
49% Translucency

Mixture  
4 mm

Average values

Dentin  
9, 13 or 18  
depending on  
disc thickness

3Y-TZP  
1200 MPa  
41% Translucency

# NexxZr®



Mono



Multi



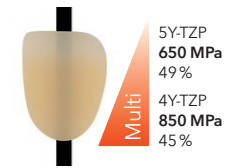
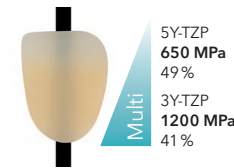
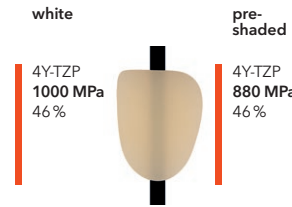
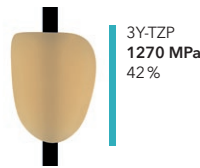
NexxZr T

NexxZr+

NexxZr T Multi

NexxZr+ Multi 2.0

Type  
Flexural strength [MPa]<sup>1</sup>  
Translucency [(1-CR)\*100]<sup>2</sup>



Fracture toughness [MPa\*m<sup>1/2</sup>]

> 5.0

> 3.5

> 5.0 (Dentin)  
> 2.4 (Incisal)

> 3.5 (Dentin)  
> 2.4 (Incisal)

Linear thermal expansion/  
CTE (25-500°C) [10<sup>-6</sup> K<sup>-1</sup>]

10.6 ± 0.5

10.1 ± 0.5

10.5 ± 0.5

10.4 ± 0.5

Type/Class

Type II/Class 5

Type II/Class 4

Type II/Class 5

Type II/Class 4

Indications\*

- › Single unit restorations
- › 3-unit bridges
- › Multi-unit bridges with max. 2 connected pontics

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- › 3-unit bridges

Processing techniques

- › Infiltration technique
- › Staining technique
- › Cut-back technique
- › Layering technique

- › Infiltration technique
- › Staining technique
- › Cut-back technique
- › Layering technique

- › Infiltration technique
- › Staining technique
- › Cut-back technique

- › Infiltration technique
- › Staining technique
- › Cut-back technique

Geometries

W-98, Z-95

W-98, Z-95

W-98, Z-95

W-98

Thicknesses

10, 12, 14, 16, 18, 20, 22,  
25, 30 mm

10, 12, 14, 16, 18, 20, 22,  
25, 30 mm

16, 20, 25 mm

14, 16, 20 mm

Colors

White, OM1, OM2, OM3, A1, A2,  
A3, A3.5, A4, B1, B2, B3, B4, C1,  
C2, C3, C4, D2, D3, D4

White, A1, A2, A3, A3.5, B1, B2

BL1, BL2, BL3, BL4, A1, A2,  
A3, A3.5, A4, B1, B2, B3, B4,  
C1, C2, C3, C4, D2, D3, D4

BL1, BL2, BL3, BL4, A1, A2,  
A3, A3.5, A4, B1, B2, B3, B4,  
C1, C2, C3, C4, D2, D3, D4

<sup>1</sup> Typical values acc. to EN ISO 6872 (polished specimen)

<sup>2</sup> Pre-shaded discs show lower values

\* For use in Canadian market only: Bridge to be limited to 6 units with a maximum of 2 pontics.