

Zirlux[®] Acetal

Millable solution for
removable applications.

Zirlux Acetal is a semi flexible, tooth-colored material ideal for partial denture frameworks and other metal-free removable applications. This highly crystalline acetal copolymer possesses high tensile and flexural strength, fatigue resistance, low friction, low moisture absorption, and excellent dimensional stability.

Using a 5-axis dry mill, dental laboratories can now eliminate wax-ups, investing, casting, and finishing of CrCo frameworks. Zirlux Acetal comes out of the mill nearly polished, making finishing and final polishing easy to complete.

Benefits:

- 90 MPa
- Precise results due to CAD/CAM production
- Improve patient comfort and esthetics by eliminating silver clasps from partial denture frameworks
- Replaces metal with a natural color clasp on teeth and not tissue

Indications:

- Removable Partial Denture Frameworks
- Bite Splints/Nightguards
- Cosmetic Smile Enhancers
- Provisional Crowns and Bridges



Material Properties

Density (g/cm³): 1.41
 Tensile Strength: 61MPa
 Flexural Strength: 90MPa
 Moisture Absorption: 0.22 wt%
 Izod Impact, Notched: 1.00 ft-lb/in (J/m)

| 98.5mm | A1 | A2 | A3.5 | B1 | G2 (Bleached) | Pink |
|---------|----------|----------|----------|----------|------------------|----------|
| 98x15mm | 901-1255 | 901-1256 | 901-1257 | 901-1258 | 901-1259 | 901-2436 |
| 98x20mm | 901-1260 | 901-1261 | 901-1262 | 901-1263 | 901-1264 | 901-2437 |
| 98x25mm | 901-1266 | 901-1267 | 901-1268 | 901-1269 | 901-1270 | 901-2438 |
| | \$69.99 | \$69.99 | \$69.99 | \$69.99 | \$69.99 | \$69.99 |

*Photos courtesy of
Dental Arts Laboratories, Inc. (DAL) of Peoria, IL*