

Slick Bands Bonding Agent Testing

We took a 5.25 mm diameter mold and followed the directions of the bonding agent, i.e., apply etchant, rinse, blow with air, apply bonding agent, blow with air, cure with a curing light, set the mold piece on the band, pack it with composite ~ 3 mm tall, then cured with a curing light. The composite molds were sent to an accredited lab. The molds were shear tested and the maximum force recorded. The equipment used (Chatillion digital force gauge) recorded the max force required to release the "composite capsule" from the band material.

Composite Bonding to Coated Versus Uncoated Matrix Bands

