

## Preat Perma Fiber and Mesh

### What is it?

Perma Fiber and Mesh are revolutionary E-glass fibers. Each strand of this e-glass is computer impregnated with a PMMA (porous polymer) and silane coupler that allows dis-solution bonding to all acrylic and composites.

Materials that bond result in a 1000% strength increase over non-reinforced materials. This is due to the elimination of the gap between reinforcement material and acrylic resin.

**Polyethylene fibers, metal, and kevlar can not properly bond to acrylic resin.**



The adjacent chart shows a study by P.K. Vallittu published in the May issue of Journal of Prosthodontics regarding fatigue resistance.

### When to use Perma Fiber and Mesh

- In the repair and reinforcement of full and partial dentures
- In the reinforcement of temporary or provisional bridges
- For intra oral splinting
- For reinforcement of the "female" area of an overdenture attachment
- To strengthen thin palatal maxillary dentures

### Why Perma Fibre and Mesh are superior reinforcement options for your patients

- Superior strength due to dissolution bonding
- Compatibility with all monomers
- Both mesh and fiber formats for a wide variety of clinical and lab applications
- Translucent when wetted producing superior esthetics
- Can be ground and polished to provide your patients with superior comfort
- Can be applied chair side in your office

**For more information on Permafiber and Permamesh, including published clinical research please visit: <http://www.preat.com/fibermesh.html>**