



#### Properties of PRO-Net reinforcements

- transparent within the denture after placement,
- no adhesives, bonds, impregnation, etc. needed,
- prefabricated for upper and lower dentures,
- easy, zero-waste cutting: red lines on the mesh enable easy contouring and cutting according to the requirements of every single restoration.

**PRO-Net<sup>TM</sup>**  
Dental Solutions & Consulting



For more information, instructions for use and video clips consult

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# PRO-Net<sup>®</sup>

European innovation PRO-Net is a preimpregnated professional mesh made of specially woven E-glass fibers.

## PRO-Net indications:

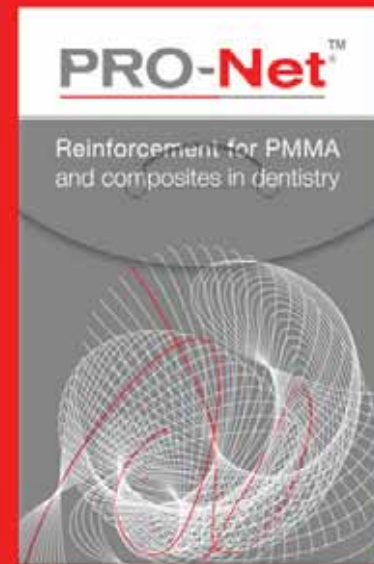
1. Reinforcement of upper and lower dentures for a years-long warranty,
2. Broken denture repair with warranty,
3. Denture modification by reinforcement of the denture-bearing area for insertion of the Locator attachment housing,
4. Reinforcement of temporary acrylic resin All-on-4 restorations.

## Even 67% stronger dentures!

Broken denture repair accompanied by placement of a PRO-Net reinforcement ensures even 67% higher strength, which considerably reduces possibility of repeated fractures.

## Why PRO-Net reinforcements?

- significantly improve mechanical and functional properties of prosthetic restorations,
- extend longevity of prosthetic restorations,
- reduce the total weight of dentures and make them easier to use (enable fabrication of dentures with thinner bases and smaller cross sections in relation to non-reinforced acrylic resins),
- offer excellent optical properties in relation to common reinforcements of denture bases made from other materials (Co-Cr alloy, Au alloy, etc.).



A package of PRO-Net includes 10 sachets, each containing one reinforcement for upper dentures and one reinforcement for lower dentures, or for restoration repairs.

## Advanced material, outstanding properties, easy and fast placement.

### Mechanical properties of PRO-Net reinforced acrylic resins and non-reinforced acrylic resins:

#### Toughness (ISO 791-1:2000)

0,019 J

0,353 J

#### Flexural strength (ISO 14125:1998 (E))

98 MPa

194 MPa

#### Tensile strength (ISO 5274-4:1997)

46 MPa

92 MPa

Acrylic resin

PRO-Net reinforced acrylic resin