Novafil™
Monofilament Synthetic Polybutester Suture

TENSION CONTROL DURING COSMETIC PROCEDURES
Acute Elongation Accommodates Edema

In skin closure, edema may result from fluid accumulation at the closure site. Novafil polybutester construction offers a controlled elasticity that will accommodate swelling that occurs during the healing process and the patient will experience less tension on a healing wound.

Unlike nylon or polypropylene material that may not recover from stretching, Novafil is “creep resistant” and can return to its original form when edema recedes. Novafil helps diminish the risk of hypertrophic scarring by keeping constant support on the sutured incision.

And, unlike hydrophilic nylons that absorb moisture and may adhere to tissue, Novafil suture is moisture repellent. The removal of Novafil suture from skin, fascia or muscle provides a smooth pull-through that is less likely to damage the tissue.

OTHER UNIQUE BENEFITS:
• Minimal memory (easy to handle, easy to work with)
• Superior to polypropylene strength (secure and reliable closures)
• Superior pliability (easy to handle, easy to tie — improved case flow)
Frequent Uses
Plastic Surgery, General Surgery, Cardiovascular Surgery and Ophthalmic Surgery.

Indications
Indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular and ophthalmic surgery.

Contraindications
Novafil polybutester suture is not intended for use on neural tissue and or in microsurgery.

Specifications
<table>
<thead>
<tr>
<th>Composition</th>
<th>Polybutester</th>
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<tbody>
<tr>
<td>Sizes</td>
<td>2 to 7-0</td>
</tr>
<tr>
<td>Colors</td>
<td>Blue/Clear</td>
</tr>
<tr>
<td>Units per box</td>
<td>12 or 36</td>
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<tr>
<td>Lengths</td>
<td>30, 45, 75, 100, 150 cm lengths, as well as Loops</td>
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<tr>
<td>Structure</td>
<td>Monofilament</td>
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<tr>
<td>Tensile Strength</td>
<td>Novafil Sutures are nonabsorbable and no significant change in strength retention is known to occur in vivo.</td>
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Comparison between Nylon, Polypropylene & Polybutester Suture. (Stiffness vs. Pliability)

Nylon (monofilament) sutures proved to be significantly stiffer than polypropylene sutures.
As this study shows, the polybutester sutures were significantly more pliable than either nylon or polypropylene.