GORE-TEX® Suture is a microporous, nonabsorbable monofilament made of expanded polytetrafluoroethylene (ePTFE).

- **Tissue Tolerance**
  The biocompatibility and inertness of ePTFE (expanded polytetrafluoroethylene) allows for the GORE-TEX® Suture to remain in the oral environment for as long as two to four weeks.

- **Handling**
  Low friction and the smooth, supple nature of the GORE-TEX® Suture allow for superior handling and provide flexibility in the positioning of a square knot.

- **Nonwicking**
  The monofilament GORE-TEX® Suture is not subject to bacterial wicking sometimes associated with multifilament sutures.
**Configurations**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Thread Size</th>
<th>Needle Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P4K13A</td>
<td>CV-4</td>
<td>RT-18 3/8 circle</td>
<td>A CV-4 suture with an 18 mm reverse-cutting needle. This can be used as an alternative to the P5K23 where a stronger suture is desired.</td>
</tr>
<tr>
<td>P5K17A</td>
<td>CV-5</td>
<td>RT-16 3/8 circle</td>
<td>A CV-5 suture with a 16 mm reverse-cutting needle. Many clinicians select this suture for dental implant procedures or flap procedures in which they would prefer to leave the sutures in place for extended periods of time.</td>
</tr>
<tr>
<td>P5K23A</td>
<td>CV-5</td>
<td>RT-18 3/8 circle</td>
<td>A CV-5 suture with an 18 mm reverse-cutting needle. This can be used as an alternative to the P5K17 where a longer needle is preferred.</td>
</tr>
<tr>
<td>P6K23A</td>
<td>CV-6</td>
<td>RT-13 3/8 circle</td>
<td>A CV-6 suture with a 13 mm reverse-cutting needle. This is a finer suture with a smaller needle for delicate procedures such as gingival grafts or mucosal suturing.</td>
</tr>
<tr>
<td>P6K25A</td>
<td>CV-6</td>
<td>RH-16 1/2 circle</td>
<td>A CV-6 suture with a 16 mm reverse-cutting needle. This can be used as an alternative to the P6K23 where a 1/2 circle needle is preferred.</td>
</tr>
<tr>
<td>P7K13A</td>
<td>CV-7</td>
<td>RT-11 3/8 circle</td>
<td>A CV-7 suture with an 11 mm reverse-cutting needle. This is a finer suture with a smaller needle for delicate procedures such as gingival grafts or mucosal suturing.</td>
</tr>
</tbody>
</table>

*Suggested Reading*

1. Charbit Y, Hitzig C, Bolla M, Bitton C, Bertrand MF. Comparative study of physical properties of three suture materials: Silk, e-PTFE (Gore-Tex®), and PLA/PGA (Vicryl®). *Biomedical Instrumentation & Technology* 1999;33:71-75.
   “It is one of the most inert and biocompatible materials known. The material contains 50% air per volume and has been shown to have excellent handling properties, to cause minimal tissue reaction, and to have a low level of resistance to bacterial adhesion or capillarity.”

   “In particular, reduced bacterial adhesion to PTFE compared to braided silk was demonstrated, and this characteristic appeared even more marked after an extended stay of the materials in the oral cavity.”

   “When implanted into connective tissue, this material appears to be highly histocompatible. The e-PTFE exhibited less inflammation and more advanced repair (replacement) at 7 and 14 days than silk and polyglactin 910, despite the continued presence of infection.”

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