STRATAFIX™ Knotless Tissue Control Devices – The most versatile portfolio that competitors can’t match

<table>
<thead>
<tr>
<th>Features</th>
<th>STRATAFIX™ Symmetric Knotless Tissue Control Devices</th>
<th>V-LOC™ Wound Closure Devices</th>
<th>Quill™ Knotless Tissue Closure Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superior tissue holding strength</td>
<td>Yes†</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Antibacterial properties</td>
<td>Yes‡</td>
<td>No</td>
<td>No†‡</td>
</tr>
<tr>
<td>Extended tensile wound holding strength</td>
<td>Yes‡</td>
<td>No†</td>
<td>No†‡</td>
</tr>
<tr>
<td>Appropriate for use in fascia</td>
<td>Yes‡</td>
<td>No</td>
<td>No†‡</td>
</tr>
<tr>
<td>Superior needle performance</td>
<td>Yes†</td>
<td>No</td>
<td>No†‡</td>
</tr>
<tr>
<td>Multiple anchor designs</td>
<td>Yes†</td>
<td>No</td>
<td>No†‡</td>
</tr>
</tbody>
</table>

* Specific to STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device.
† Does not apply to all products in portfolio. Specific to STRATAFIX Symmetric PDS Plus Device, STRATAFIX™ Spiral MONOCRYL™ Plus Knotless Tissue Control Device, and STRATAFIX™ Spiral PDS™ Plus Knotless Tissue Control Device.
‡ The petri dish image is for illustrative purposes only, zone of inhibition testing results can vary.

**Tissue Holding Strength**

<table>
<thead>
<tr>
<th>Mean Pounds of Force</th>
<th>STRATAFIX™ Symmetric PDS Plus Device</th>
<th>V-LOC™ 180 Absorbable Wound Closure Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>90.05</td>
<td></td>
<td>78.38</td>
</tr>
</tbody>
</table>
With STRATAFIX™ Knotless Tissue Control Devices, Ethicon continues a century-long tradition of leading the evolution in wound closure technology.

A full portfolio of knotless tissue control devices to address the needs of various tissue types competition can’t match.

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| Superior tissue holding strength | STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device demonstrated superior tissue holding strength in fascia when compared to Looped PDS® Plus Antibacterial (polydioxanone) Suture, and Coated VICRYL® (polyglactin 910) Suture (interrupted technique).  
Ethicon needles outperform competition due to:  
- superior strength and ductility  
- improved penetration  
- reduced tissue trauma  
- advanced silicone coating | Inferior tissue holding strength when compared to STRATAFIX Symmetric PDS Plus Devices in subcutaneous tissue.  
V-LOC portfolio does not offer antibacterial products.  
The V-LOC™ 180 Absorbable Wound Closure Device is not for use where prolonged (beyond 3 weeks) approximation of tissues under stress is required.  
Warning in label states the safety and effectiveness of V-LOC has not been established for use in fascial closures.  
Covidien needles require more penetration force versus Ethicon reverse-cutting and taper-point needles. | Inferior tissue holding strength compared to STRATAFIX Symmetric PDS Plus Device in subcutaneous tissue.  
Quill™ portfolio does not offer antibacterial products.  
Quill™ PDO can be used in closures that require up to 6 weeks of tissue approximation.  
Warning in label states the safety and effectiveness of Quill™ has not been established for use in fascial closures.  
Angiotech needles require more penetration force versus Ethicon reverse-cutting and taper-point needles. |
| Antibacterial properties       | STRATAFIX Symmetric PDS Plus Device, STRATAFIX™ Spiral MONOCRYL™ Plus Knotless Tissue Control Device and STRATAFIX™ Spiral PDS™ Plus Knotless Tissue Control Device.  
STRATAFIX Spiral PDO Knotless Tissue Control Device, STRATAFIX Spiral PDS Plus Device, and STRATAFIX Symmetric PDS Plus Device can be used in closures that require up to 6 weeks of tissue approximation.  
STRATAFIX Symmetric PDS Plus Device is designed for use in hightension areas, such as fascia.  
Ethicon needles outperform competition due to:  
- superior strength and ductility  
- improved penetration  
- reduced tissue trauma  
- advanced silicone coating | | |
| Extended tensile strength      | STRATAFIX™ Spiral PDS™ Plus Knotless Tissue Control Device, STRATAFIX™ Spiral PDO Knotless Tissue Control Device, STRATAFIX™ Symmetric PDS™ Plus Device can be used in closures that require up to 6 weeks of tissue approximation.  
STRATAFIX™ Symmetric PDS™ Plus Device is designed for use in high-tension areas, such as fascia.  
Ethicon needles outperform competition due to:  
- superior strength and ductility  
- improved penetration  
- reduced tissue trauma  
- advanced silicone coating | | |
| Appropriate for use in fascia   | Ethicon needles outperform competition due to:  
- superior strength and ductility  
- improved penetration  
- reduced tissue trauma  
- advanced silicone coating | | |
| Superior needle performance    | | | |
| Multiple anchor designs        | | Available in spiral designs (bidirectional and unidirectional) and symmetric designs  
Available in “cut” and “punched” technologies | Available in spiral design only  
Only available in “cut” technologies | Available in spiral design only  
Only available in “cut” technologies |

Only Ethicon offers tissue control devices, with Plus Antibacterial Technology, that provide appropriate strength for closing high-tension areas, such as fascia.

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