


What is Parcus PEEK CF?

PEEK CF is made of PEEK-Optima™ (by Invibio™) combined with 30% carbon fiber fill. The compound is comprised of short carbon fibers that are dispersed within a PEEK-Optima™ polymer matrix. The polymer in PEEK CF encapsulates the carbon fibers.

The resulting material has enhanced physical strength, nearly twice as much as natural PEEK, and has mechanical characteristics much closer to cortical bone than natural PEEK, PLLA or Titanium. The added mechanical strength in PEEK CF plays a key role in addressing the challenges of insertion torque in screw-in devices such as suture anchors and interference screws.



3.5mm and
4.5mm Knotless
PEEK CF Push-In
Suture Anchors
come with
suture passer
provided.

Now available
with reusable
unsterile driver
for even more
cost savings.

Although this material has been successfully used in the spine and dental industries for over ten years, **Parcus Medical is the first to make implantable products using PEEK CF for the Sports Medicine industry.**

If questions about absorption rates, soft tissue reaction, stress shielding and imaging artifact raise concerns about the biomaterial you select, consider PEEK CF. It is 100% inert to minimize biocompatibility issues. PEEK CF has a modulus close to cortical bone to reduce stress shielding, is radiolucent, and MR safe.

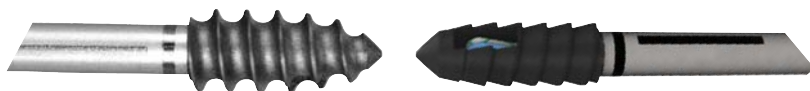
The PEEK CF Difference

- **Strong and biocompatible**
- **Radiolucent, less imaging artifact, MR safe**
- **Twice as strong as the PEEK material used in other suture anchors**
- **Mechanical properties closer to cortical bone than titanium or biocomposites**

Parcus, the Latin word for economical, was born from the drive for innovation and creativity while remaining mindful of the need for efficiency and flexibility. At Parcus, **surgical innovation is value driven.**

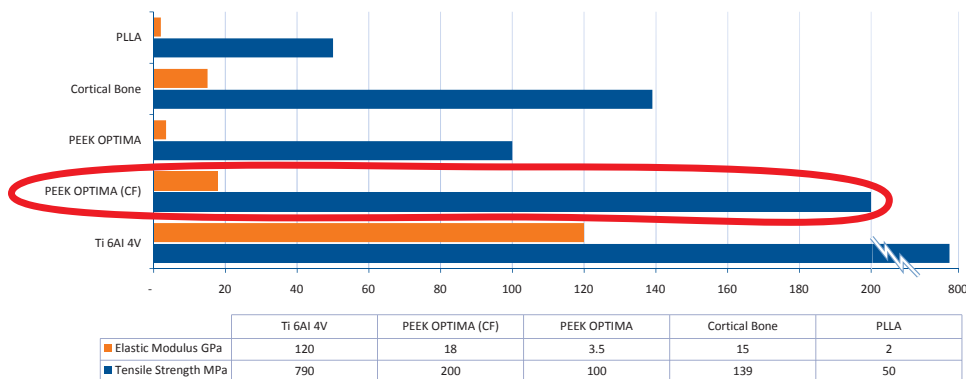
Parcus PEEK CF . . . in a league of its own.

The Parcus PEEK CF Advantage



- Bone-like stiffness reduces the occurrence of stress shielding while enhancing bone healing. The stress that would normally be placed on the bone does not concentrate in the implant and, therefore, bone resorption is less likely to occur, leading to better long term fixation.
- Closer mechanical properties to cortical bone than titanium or biocomposites
- 100% inert to avoid allergic reactions
- 2X stronger than natural PEEK materials used in most suture anchors
- Proven biocompatibility to ensure safe long-term implantation
- Easily removable in revision surgeries
- Radiolucent on X-rays and CT Scans and is MR safe – less imaging effect

PEEK CF Strength & Stiffness Comparison



Series 3 PEEK CF Suture Anchors

| Part # | Item Description |
|--------|--|
| 10323T | 35 w/Suture Push-In w/ 2 Parcus Braid™ Sutures (blue, white/green) |
| 10313 | 35 Knotless Push-In (provided with a Suture Passer) |

Knotless PEEK CF Suture Anchors

| Part # | Item Description |
|--------|---|
| 10313 | 35 Knotless Push-In (provided with a Suture Passer) |
| 10314 | 45 Knotless Push-In (provided with a Suture Passer) |

V-LoX™ Hybrid PEEK CF Suture Anchors

| Part # | Item Description |
|--------|--|
| 10354T | 4.5mm V-LoX Hybrid <i>Also usable as a knotless push-in</i> w/ 2 Parcus Braid™ Sutures (blue, white/green) |

V-LoX™ PEEK CF Double Loaded Suture Anchors

| Part # | Size |
|--------|--|
| 10253 | 5.5mm V-LoX w/ 2 Parcus Braid™ Sutures (white/blue, white/black) |
| 10253T | 5.5mm V-LoX w/ 2 Parcus Braid™ Sutures (blue, white/green) |
| 10254 | 6.5mm V-LoX w/ 2 Parcus Braid™ Sutures (white, white/black) |
| 10254T | 6.5mm V-LoX w/ 2 Parcus Braid™ Sutures (blue, white/green) |

V-LoX³ PEEK CF Triple Loaded Suture Anchors

| Part # | Size |
|--------|--|
| 10324T | 5.5mm V-LoX ³ PEEK CF w/ 3 Parcus Braid™ Sutures (blue, white/green, white/black) |
| 10325T | 6.5mm V-LoX ³ PEEK CF w/ 3 Parcus Braid™ Sutures (blue, white/green, white/black) |

PEEK CF Interference Screws

| Part # | Size | Part # | Size |
|--------|------------|--------|-------------|
| 10021 | 7mm x 20mm | 10032 | 9mm x 35mm |
| 10022 | 7mm x 25mm | 10034 | 10mm x 25mm |
| 10023 | 7mm x 30mm | 10035 | 10mm x 30mm |
| 10024 | 7mm x 35mm | 10036 | 10mm x 35mm |
| 10025 | 8mm x 20mm | 10166 | 11mm x 25mm |
| 10026 | 8mm x 25mm | 10167 | 11mm x 30mm |
| 10027 | 8mm x 30mm | 10168 | 11mm x 35mm |
| 10028 | 8mm x 35mm | 10038 | 12mm x 25mm |
| 10029 | 9mm x 20mm | 10039 | 12mm x 30mm |
| 10030 | 9mm x 25mm | 10040 | 12mm x 35mm |
| 10031 | 9mm x 30mm | | |