A-SPINE Polymer Disc Spacer

PEEK-OPTIMA®

Invibio® biomaterial solutions

Cervical & Lumbar

Cervical	Item Number	H / mm	W / mm	L / mm
	584-05126	5	12	12
	584-06126	6	12	12
	584-07136	7	13	12
	584-08146	8	14	12
	584-09146	9	14	12
	584-10146	10	14	12
	165-65126	5	15	12
	165-66126	6	15	12
	165-67126	7	15	12
	165-68126	8	15	12
	165-69126	9	15	12
	165-60126	10	15	12
	165-25126	5	14	12
	165-26126	6	14	12
	165-27126	7	14	12
	165-28126	8	14	12
	165-29126	9	14	12
	165-20126	10	14	12

Lumbar	Item Number	H / mm	W / mm	L / mm
	594-08106	10	8	24
	594-09116	11	9	24
	594-10126	12	10	24
	594-11146	14	11	24
	594-12166	16	12	24

Lumbar	Item Number	Angulation	H / mm	W / mm	L / mm
	594-09056	5°	9	11	24
	594-10056	5°	10	11	24
	594-11056	5°	11	11	24
	594-12056	5°	12	11	24
	594-13056	5°	13	11	24
	594-14056	5°	14	11	24
	594-09106	10°	9	11	24
	594-10106	10°	10	11	24
	594-11106	10°	11	11	24
	594-12106	10°	12	11	24
	594-13106	10°	13	11	24
	594-14106	10°	14	11	24

A-SPINE

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PEEK

POLYMER DISC SPACER

Cervical & Lumbar

RADIOLUCENCY ADVANTAGE

UNIQUE SERRATION DESIGN

Advances in Spine Technology

A-SPINE

PEEK

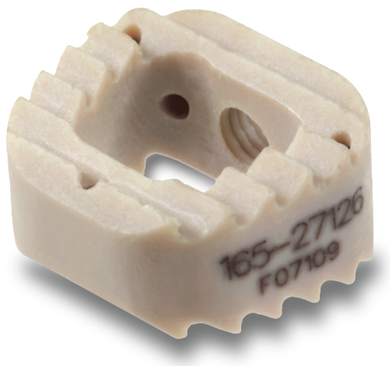
Poly-Ether-Ether-Ketone

Advantages

The elastic modulus of polymer closely matches cortical bone, this characteristic significantly reduces the phenomenon of stress shielding, and thus promotes better bone growth fusion and prevent implant subsidence.

Radiolucency under X-ray, Computer Tomography or MRI examination for better visualization of bone tissue integration around the fusion site.

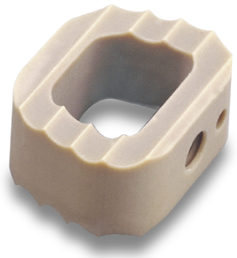
MRI technologies can be employed to scan patients which had a PEEK implant, since it is non-magnetic.



Independent laboratories have performed biocompatibility and biostability testing relevant to ISO 10993 and USP Class VI standard, which have shown excellent results. A-spine polymer disc spacer is a high performance biomaterial providing advanced solutions for spinal treatment.

PEEK material can be repeatedly sterilized using conventional sterilization methods including steam, gamma radiation and ethylene oxide processes without the degradation of its mechanical properties or biocompatibility.

Cervical Spine Disc Spacer



- Convex anatomical shape matches vertebral endplates.
- Anti-migration serrated designs are for perfect stability within interbody space.
- Provide maximum space for bone graft.
- Radiodense marker permit optimal postoperative follow-up.
- An extensive range of implants and comprehensive set of instruments adapt to all patient anatomies/situations.

Lumbar Spine Disc Spacer

- Convex anatomical shape matches vertebral endplates.
- Anti-migration serrated designs are for perfect stability within interbody space.
- Provide maximum space for bone graft.
- Available in 5° and 10° lordotic profile for restore normal lumbar lordosis.
- Radiodense marker permit optimal postoperative follow-up.
- An extensive range of implants and comprehensive set of instruments adapt to all patient anatomies/situations.