

Application Spotlight

DOMINO Cervical Fusion Cage



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MATERIAL **Zeniva® PEEK**

MANUFACTURER **Sintea Plustek**

LOCATION Milan, Italy

APPLICATION DOMINO Cervical Fusion Cage

STATUS CE Mark

**SPECIALTY
POLYMERS**

Application Highlights

- Allows cervical interbody fusion and disc height restoration by an anterior fixation
- Intersomatic cage is integrated with an anterior fixation plate which is made of titanium alloy
- Available in three sizes, allowing for perfect adaptation to the patient's anatomy

Why Zeniva® PEEK?

- Provides biocompatibility and chemical inertness
- Delivers high strength and stiffness
- Modulus of elasticity that is close to that of bone
- Well established biological safety

“ Sinteaplustek selected Zeniva® PEEK, part of Solvay's line of Solviva® Biomaterials, because of its modulus of elasticity which is very close to that of bone, thus allowing better load transfer. The thermoplastic biomaterial also has radiolucent properties which permit x-ray procedures and meets the requirements of ASTM F2026-12 for surgical implant applications.”

— Laura Dell'Orto, Technical Marketing Manager, Sinteaplustek



About Sinteaplustek

Sinteaplustek S.r.l., a leading supplier of minimally invasive spinal implants and delivery systems, plays an important role in the orthopedic and neurosurgical markets. The company was created from the merger of two companies: Sinteaplustek spa and Plustek srl. Sinteaplustek specialized in the spine market, offering a wide range of innovative products for the international market. Plustek brings broad experience as a pioneer in the Italian orthopedic market. The combination of the two companies has resulted in great synergies that deliver unique high-quality products for the medical market. Sinteaplustek has offices and production facilities in Milan, Italy, with a subsidiary in Miami, Fla., USA. All medical devices have obtained the CE mark and many have been proven and met approval by the U.S. Food & Drug Administration (FDA).

For more information, visit www.sinteaplustek.com.

About Solvay Specialty Polymers

Solvay Specialty Polymers is a leading global supplier of high-performance thermoplastics for implantable and non-implantable medical devices. Solvay is building on its 25-year history as a reliable material supplier to the healthcare industry, devoting considerable new resources to help customers be more efficient, reduce costs and grow globally.

The company's manufacturing site for Solviva® Biomaterials in Alpharetta, Ga., is ISO 13485 registered and the relevant aspects of current Good Manufacturing Practices are also applied. Solvay's biomaterial manufacturing processes are carefully validated and enhanced controls provide product traceability. In addition, all materials are tested in laboratories that have ISO 9001 certification and are ISO 17025 accredited.

Learn more at solvivabiomaterials.com.

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