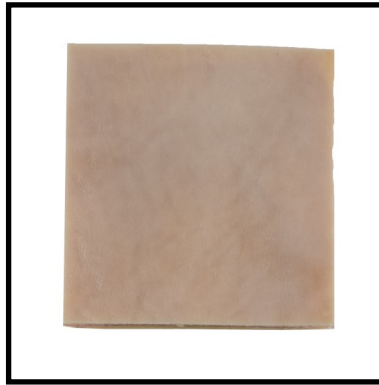


## SynAtomy Abdominal Suture Pad

160200



Our SynAtomy abdominal suture pad is designed for subcuticular, subcutaneous, muscular and deep fascia suturing, surgical cutdowns, peritoneal stoma repair, the placement of staples and surgical adhesives, and practicing subcutaneous, intramuscular and abdominal injections.

Basic model construction employs simplified versions of our patented SynTissue™ brand synthetic human skin, subcutaneous fat, bulk fat, skeletal muscle, rectus fascia, scarpas fascia and peritoneal membrane. The skin layer is realistically textured on the surface and smooth on the subcutaneous side. It incorporates a natural wear layer of dead skin at the surface and three discrete layers (epidermis, dermis and hypodermis) that are made independently from one another. This tissue was designed with extensive input from our medical device, hospital and military clients to exhibit realistic puncture resistance, suture holding, electrocautery, laser scalpel and plasma knife performance.

SynTissue brand synthetic human tissue components are designed on the basis of physical tests performed on actual living tissue. Each synthetic tissue is validated (tensile modulus, abrasion resistance, penetration force, coefficient of friction, thermal conductivity, dielectric constant, etc.) under the same physical conditions as the live tissue it is designed to simulate. The resulting synthetic tissue responds to stimulus much like the real living tissue.

**Dimensions:** Pads size is selected by user. Overall thickness is 20-25mm.

**Relevant Skills:** Injection, implantation, cutdown, incisions, suturing (subcuticular, subcutaneous and muscular), stoma repair, wound drain and stomach tube placement, stapling and application of adhesives.

**Equipment Compatibility:** Laser scalpels, electrocautery and RF ablation devices, harmonic blades, monopolar and bipolar devices, plasma knives, ultrasound equipment and all known imaging equipment.

**Included Components:** A tissue pad with adult human skin, subcutaneous fat, bulk fat, skeletal muscle, rectus fascia and scarpas fascia.

**Available Options:** Ethnicity and pad size may be selected. If you require custom tissues, dimensions or modified mechanical properties please call and ask to speak to one of our technical sales representatives.

**Packaging:** Product is shipped vacuum packed. Shelf life is guaranteed to be at least five years.

**Extraordinary Features:**

SynTissue synthetic human tissues made from salt, water, and fiber—which feature the world's most realistic tactility. SynTissue synthetic human tissues match the acoustical characteristic of real human tissue.

All of our products are made in the USA.