



**STRATOFUSE<sup>®</sup>**  
**HA/TCP PUTTY**  
**SYNTHETIC BONE GRAFT PUTTY**



**STRATOFUSE • STRATOGEN**  
BIOLOGICS

# STRATOFUSE® HA/TCP PUTTY

STRATOFUSE HA/TCP Putty is a synthetic bone graft composed of purified fibrillar collagen and resorbable ceramic granules. The granules are made of 60% hydroxyapatite (HA) and 40%  $\beta$ -tricalcium phosphate ( $\beta$ -TCP) for optimal bone healing characteristics<sup>1,2</sup>. STRATOFUSE HA/TCP Putty provides a supportive, osteoconductive environment with enhanced cellular responses, making it advantageous for spinal fusion.

## FEATURES AND BENEFITS

- Synthetic bone graft (60%HA / 40% $\beta$ -TCP and collagen)
- HA/ $\beta$ -TCP ratio supports production of better fusion mass
- Collagen improves cellular attachment properties
- Moldable and irrigation resistant
- Biocompatible and bioresorbable
- Two year shelf life
- Sterile: SAL 10<sup>-6</sup>

The 60% HA, 40%  $\beta$ -TCP, and collagen blend used in our products was selected based on clinical evidence suggesting it is highly efficient and effective in spinal procedures. Grafts with a higher HA to  $\beta$ -TCP ratio form a stable environment that supports the formation of new bone, resulting in significantly higher fusion mass<sup>1</sup>. Improved cellular attachment properties and increased osteoblastic responses are associated with grafts that include collagen<sup>2</sup>. These characteristics lead to excellent fusion, making STRATOFUSE HA/TCP Putty ideal for spinal fusion.

Item #	Description	Size
BA44-000001	STRATOFUSE HA/TCP Putty,	1.0cc
BA44-000005	STRATOFUSE HA/TCP Putty,	5.0cc
BA44-000010	STRATOFUSE HA/TCP Putty,	10cc



A portion of all Biologics proceeds is donated to Smoky Mountain Service Dogs. This non-profit organization is dedicated to helping wounded veterans. Their mission is to enhance the physical and psychological quality of life for veterans with disabilities by providing custom-trained mobility-assistance service dogs. We are proud to partner with such an outstanding organization that gives back to those who served.

#### Sources:

<sup>1</sup>Kim, K., et al. The Influences of Different Ratios of Biphasic Calcium Phosphate and Collagen Augmentation on Posterior Lumbar Spinal Fusion in Rat Model. *Yonsei Medical Journal*. 2017; 58(2): 407-414.

<sup>2</sup>Yang, D., et al. Effects of Collagen Grafting on Cell Behaviors in BCP Scaffold with Interconnected Pore Structure. *Biomaterials Research*. 2016; 20(1).

  
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Propelling Spinal Surgery

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