fiberFUSE™ Demineralized Bone Matrix is an allograft comprised of a mixture of cancellous bone and demineralized cortical bone. This combination creates a natural scaffold for revascularization, cellular ingrowth and new bone formation. ¹

**Cancellous Matrix:**
- Osteoconductive porous scaffold to allow ingrowth of host vasculature, osteoblasts and MSCs ¹
- Large trabecular surface area encourages revascularization and incorporation at the recipient site ¹
- Osteogenesis under the influence of local cytokines and growth factors ²

**Cortical Fibers:**
- Osteoinductivity stimulates healing as the endogenous growth factors recruit cells from the host bed into the graft site
- High surface area of the elongated fibers create a cell-friendly collagen framework for cell attachment and proliferation ¹
- The self-entanglement of the fibers result in a putty like handling

**Verified Osteoinductivity:**
Osteoinductivity of demineralized bone matrices can vary depending on tissue processing methods. ³⁴⁵ fiberFUSE DBM is aseptically processed, retaining natural growth factor activity in cortical bone. MTF Biologics’ processing methods limit exposure of harsh chemicals and avoids terminal sterilization, which is known to have a negative impact to endogenous growth factors and biologic activity. ³ The demineralized cortical fibers in fiberFUSE DBM are consistently osteoinductive when assessed in an in vivo osteoinductivity model. ⁵
Features and Key Advantages:

Easy Preparation
- Rapid rehydration
- Readily wicks with rehydration solution (saline, blood and bone marrow aspirate)
- Ready to use in under two minutes

Excellent Handling
- 100% bone, no carrier added
- Cohesive, moldable, packable
- Versatile delivery

Graft Expansion
- Volume increases when hydrated
- Conforms to anatomy at the surgical site
- Resists irrigation for graft containment

The Handling Properties of a Putty without Compromising Bone Content
MTF Biologics is the exclusive processor of fiberFUSE DBM. The proprietary, validated processing methods retain the natural growth factors within the cortical fibers. The fibers interconnect, creating cohesive handling with no carrier; 100% natural, 100% bone. MTF Biologics set strict donor acceptance criteria and processing standards to ensure safe and quality allografts for your patients.
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References:
5. Data on File (MTF Biologics)

To find electronic instructions for use with indications, precautions and warnings for each of these products go to: www.Orthofix.com/IFU