

# Redefining Training Through Technology

## 3D Printing Is Revolutionizing Fighter Performance and Fitness Innovation

Fighter Foundry launched in 2024 with a mission to transform fighter training through cutting-edge, data-driven technology. By leveraging additive manufacturing, the Fighter Foundry Strike Pad authentically replicates real striking while capturing training data and delivering real-time, AI-powered feedback. The Fighter Foundry Strike Pad stands as a testament to this innovation.



Punch Speed



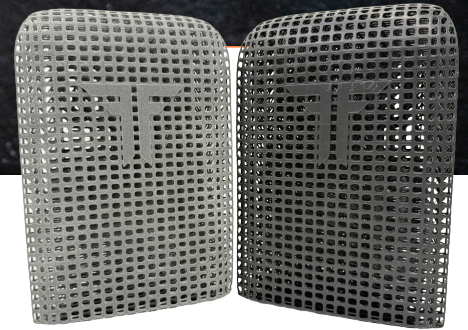
Strength



Force



Precision



### Solution Found in Additive Manufacturing

- Complex lattice structure allows for maximum shock absorption and a realistic training feel
- Curved edges for striking angles and realistic training experience
- HP TPU material provides enhanced flexibility and impressive durability
- Design creates a striking platform for professional level training

### Final Product: The Fighter Foundry Strike Pad

- **Impact Feedback:** Every hit is tracked with embedded sensors for realtime data on speed, force, and precision
- **Universal Strike Platform:** The multi-compression pad delivers unmatched realism, protects joints, and reduces equipment wear
- **AI Powered Analytics:** Video/Sensor capture allow performance analytics and data-driven insights to refine technique and track progress
- **Compact Design:** Full-throttle strikes with a small footprint to maximize space and increase ROI for gym owners

### HOW THE STRIKE PAD HAS ADVANCED COMBAT SPORTS TRAINING

Reimagined strike training system only possible with the innovation provided through 3D printing.

Enhanced athletic performance with data driven training creating a new benchmark in combat sports.

*"It's not just 3D printed because you can," says **Fighter Foundry co-founder Jon Danckwerth**. "It's 3D printed because it has to be. There's no better way we could make a pad like this."*

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