



Fan Stacks That Are 60% Stronger

Built to Dominate

Engineered for Superior Performance

Our advanced fan stack design incorporates key structural improvements that significantly enhance durability, reliability, and performance in demanding industrial environments. Through innovative engineering and material selection, we've developed components that exceed industry standards and provide superior protection against environmental stresses.



Advanced Ribbing Structure

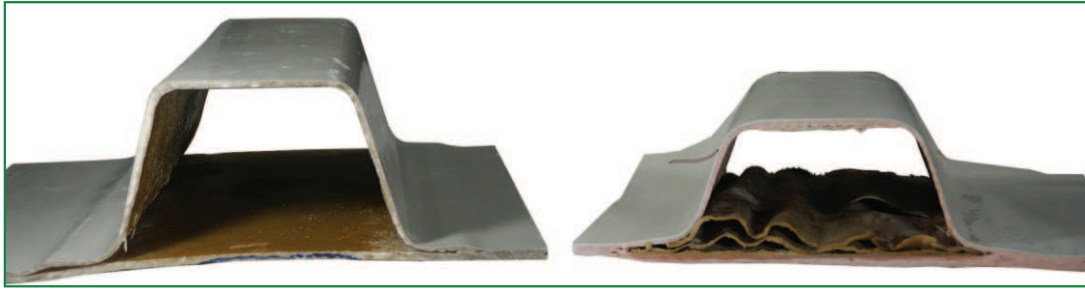
The enhanced ribbing design delivers exceptional structural integrity:

- Vertical ribs feature a 60% higher moment of inertia while horizontal ribs achieve over 80% higher moment of inertia
- Large-format ribbing prevents deflection under high wind loads
- Integrated horizontal-to-vertical rib connections strengthen critical panel seams

Strategic Panel Integration

Our revolutionary panel seam design addresses the traditionally vulnerable areas of fan stack construction:

- Horizontal ribs integrate directly with bolted vertical flanges
- Reinforced seam structure prevents deflection during high-wind events
- The enhanced design eliminates the risk of fan blade interference
- Wider inter-panel flanges strengthen critical bolted connections



Advanced Material Selection

We've eliminated traditional vulnerabilities through strategic material choices:

- FRP backing material replaces conventional cardboard bridging
- Additional 1/16" structural reinforcement from FRP implementation
- Elimination of delamination risks associated with cardboard
- Protected weep holes prevent water accumulation and freeze damage



Robust Construction

Our fan stacks are built to outlast and outperform:

- 10% higher material mass than competitive offerings
- Enhanced vibration-dampening characteristics
- Superior structural integrity in demanding conditions
- Increased service life through robust design

Gulf Area Availability

Supporting your critical operations with ready availability:

- Most common sizes and profiles maintained in stock
- Reduced lead times for hurricane season preparation
- Rapid response capability for emergency situations
- Local inventory for immediate deployment



**Contact our technical sales team for detailed specifications
or to discuss your specific application requirements.**

Call us, email us, or visit our website today!

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