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Shocker UHMW materials are manufactured using our proprietary mix of materials that not only retains traditional UHMW properties, but also significantly increases the critical performance aspects. Our enhanced UHMWPE provides improved resistance to wear, has a lower co-efficient of friction, improved UV and chemical resistance when compared to traditional UHMW.

GRADES AVAILABLE

Plain Virgin UHMW

Operating Temp upto
200°F

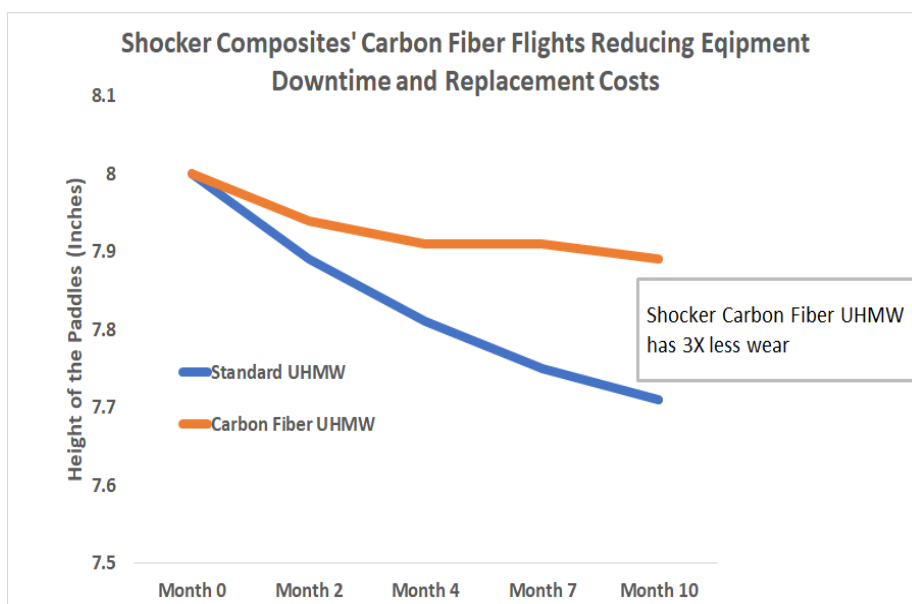
High Temp UHMW

Operating Temp upto
230°F

Carbon Fiber UHMW

Operating Temp upto
260°F

All materials are available in 4'x8' and 4'x10' sheets with thicknesses ranging from 0.25" up to 2". Custom thicknesses and dimensions are available upon request.



Comparison data from conveyors utilizing Shocker Composites' carbon fiber infused UHMW with standard flights.

Warpage on Standard Flights



NO Warpage on Shocker Flights



Key Benefits

- Less Maintenance and downtime
- Increased operational efficiency
- Great for soy bean, ethanol, bio fuels processing
- Fits existing infrastructure
- Peace of mind

Fields of Application

- Conveying industry
- Bulk material handling
- Fertilizer industry
- Pharmaceutical industry
- Outdoor power & equipment industry

Testimonials

"For the past two years, we've been using Shocker Composites' UHMW flights in our fertilizer conveyor, and the results have been remarkable.

Shocker Composites' innovative integration of carbon fiber into the UHMW materials has extended the life of our flights by up to three times, according to our plant data.

Additionally, we've noticed significantly less warpage, which has reduced the risk of our flights detaching from the metal backing. We're very impressed with this product and we've had two more conveyors built using Shocker's UHMW materials"

Operations Manager
Grain and Fertilizer Plants

"In an effort to provide our customers with the highest quality products with maximum sustainability of performance, we turn to Shocker Composites' carbon infused materials.

Shocker Composites unique and proprietary materials, while lasting three times the life of regular UHMW, also addresses specific concerns of friction, strength, heat, and moisture absorption.

We consistently use and highly recommend carbon infused UHMW materials by Shocker Composite's for your conveyor flights and liners in both domestic and international applications."

Steve and Mark Cloud
USC-AIM

Sheets are currently in stock



 **SCAN ME**