

# FiberCon Mats

The Next Generation in Rig Matting



## FiberCon Advantages

- Lightweight fiberglass composite construction
- Stronger than traditional wood mats
- Will not absorb chemicals or water over time
- Average lifespan of 20 years under normal operating conditions
- Extremely durable steel perimeter
- Withstands extreme weather conditions
- Extremely durable anti slip surface applied to both sides
- Either side can be upright during use
- Interlocks to prevent panel shifting during operation
- Interlocks allow for rotation to accommodate uneven ground conditions
- No loose hardware required for interlocking system
- Designed to fit into standard ISO shipping containers
- Static dissipative



### Typical Mat Specifications

Size (LxWxD)	Weight (lbs)	Mats per Container	Coverage per Container
19' x 7'6" x 4"	1300	30	4275 ft <sup>2</sup>
39' x 7'6" x 4"	2670	15	4388 ft <sup>2</sup>

Custom sizes and designs available upon request.

## Temperature Effects

FiberCons are designed to handle extreme weather conditions of -100°F to +150°F. The table below illustrates typical behavior of the FiberCon based on testing at various temperatures.

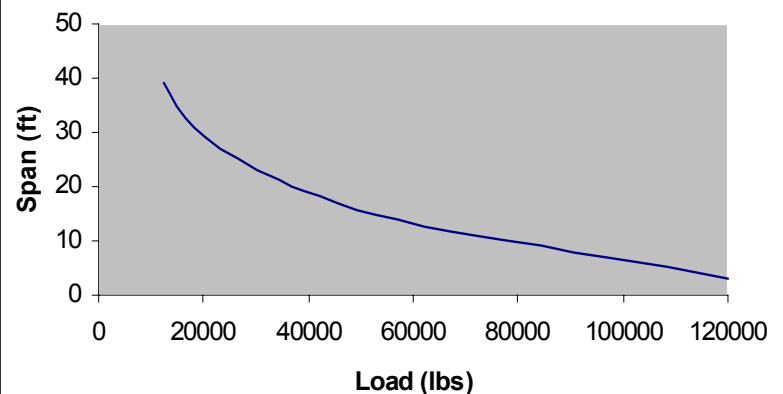
	-100°F	0°F	70°F	150°F
Tensile Strength	89%	94%	100%	98%
Impact Strength	72%	90%	100%	95%



## FiberCon Strength

### Span Loading

FiberCons can be used to span small distances which allow them to be used in areas where ground preparation is minimal. The spanning ability of a FiberCon mat is in the table below. Loading is based on worst case loading condition of load directly in the center of the span.



### Concentrated Loading

FiberCons can handle concentrated loading of up to 130psi when spanning an opening. Under full ground support FiberCons can handle 300psi. A typical tractor trailer wheel is 80psi.