

# ***Gorilla™ Composite Fittings***

ULTRA HEAVY DUTY | RESIN RICH CORROSION BARRIER | NO FIBER BLOOMING



# Ultra Heavy-Duty Composite Gorilla™ Fittings

## Conley Gorilla Advanced Manufacturing Process

### Interior Corrosion Barrier

Conley Ultra Heavy-Duty Gorilla™ fittings are manufactured for extreme chemical services. Gorilla fittings have a double synthetic veil reinforced resin rich, 60 or 100 mil minimum corrosion barrier that is 90% premium epoxy or vinyl ester resin and 10% reinforcement for increased impact resistance.

### Structural Reinforced Cage

For maximum axial & hoop strength, the reinforced resin rich interior corrosion barrier is over-wrapped with alternating layers of glass cloth and then filament wound with continuous E-glass, both being saturated with aromatic amine cured epoxy resin for high heat distortion temperature (HDT) performance.

### Exterior Corrosion Barrier And Post Cure

Gorilla fittings are then encapsulated with a Nexus exterior corrosion barrier that also provides outstanding UV protection against fiber-blooming. The final step is oven post-curing for optimum resin performance.



Conley 60 or 100 mil  
minimum Corrosion Barrier



	Conley Gorilla Fittings	Competitor Fittings
<b>Size</b>	2"	2"
<b>Manufacture Method</b>	Filament Wound	Compression Molded
<i>If your pipe has a resin rich corrosion barrier, shouldn't your fittings?</i>		
<b>Resin Rich, Veil Liner</b>	Yes	No
<b>Corrosion Liner Thickness</b>	60 or 100 mil min.	<b>Zero</b>
<b>Fitting Derates Pipe PSI</b>	No	Yes
<b>Exterior UV Protection</b>	Yes	?
<b>Fiber Blooming Warranty</b>	25 Year	?

Conley was the originator and inventor of fiberglass reinforced resin fittings in 1956 under patent number 2,751,237.  
Today, Conley Composites continues the evolution of firsts with Gorilla™ composite fittings.  
The strongest, most corrosion resistant composite fittings available, period!

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