



# FOAM FILLED FENDERS

## CONSTRUCTION FEATURES

### FOAM CORE

Construction begins with a resilient energy absorbing closed cell cross-linked polyethylene foam core which is heat laminated into one piece solid foam core. This heat lamination process produces a thermal bond between the layers of foam which is stronger than the foam itself, which, will not delaminate even under the most abusive berthing conditions. This ensures that the foam core construction of the fender will provide years of quality service and performance.

Because of this foam core, if punctured the fender will not experience a catastrophic failure as would pneumatic fenders.

### REINFORCED ELASTOMERIC SKIN

The energy absorbing foam core is protected by a tough thick filament nylon tire cord reinforced elastomer skin. This non-marking reinforced elastomer fender skin is the wear surface of the fender. The reinforcing filaments are continuously wound in a helix pattern through up to 90% of the elastomer skin and wrap around the fender swivel end fitting housings on each end of the fender. This continuous reinforcement of the elastomer skin not only increases the tensile and tear strength of the elastomer but also distributes loads through the fender skin.

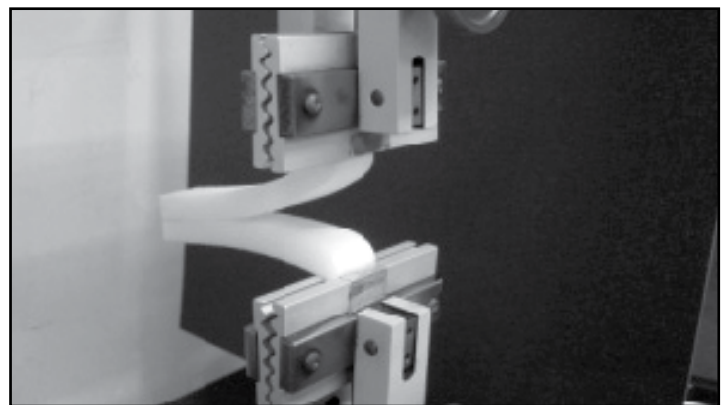
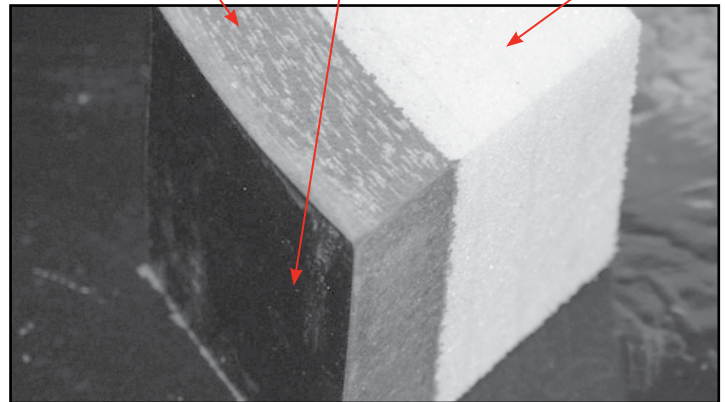
Our elastomer skin exemplifies the latest in urethane technology. This tough resilient material is specially formulated to withstand the worlds harshest environment conditions providing superior performance in extreme temperatures, toxic environments, against hydrocarbons, salt water, ozone, and ultraviolet radiation. Its smooth sleek construction is not prone to snagging on dock or hull protrusions.

### URETHANE SKIN AND ENERGY ABSORBING FOAM CORE CONSTRUCTION

Continuous filament nylon tire cord reinforcement in urethane skin

Outer wear surface of UV resistant urethane skin

Heat laminated polyethylene foam core layers



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