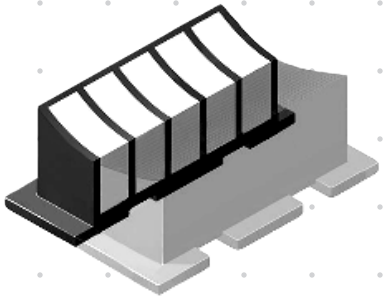
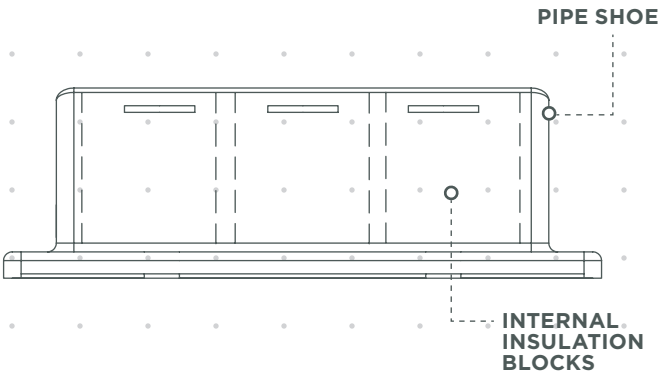
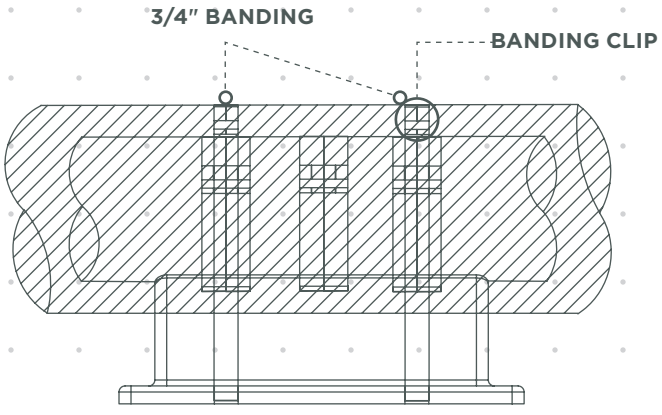
CryoTek Pipe Shoe



The CryoTek Pipe Shoe is a non-metallic pipe support solution for extreme temperature conditions, offering unparalleled, reliable performance in temperatures between -320°F and +400°F. It is ideal for elevated piping and cryogenic piping systems that involve gas liquefaction, LNG terminals/ carriers, ethylene plants.





BENEFITS

» Composite VEFR technology does not promote temperature transfer, preventing ice formation and fluctuation in system temperature
» Eliminates steel shoe multi-layer insulation requirement, which can delaminate over time
» Resin system is UV resistant, does not support heat combustion and can be combined with an intumescent coating to resist temperatures of 2,000°F for up to two hours
» Installation takes a fraction of the time of traditional pre-insulated metallic supports
» Lightweight. Can be installed and/or transported without the use of heavy-lift equipment
» Safely encapsulates the fragile insulation used in cryogenic piping systems, preventing costly repairs

SPECIFICATIONS

COMPOSITION	Monolithic unit, molded under vacuum from continuous strand glass mat in a hybrid thermosetting resin around a core of low-density polyurethane foam insulation
MAX COMPRESSIVE STRENGTH	27,500 lbs. per square inch
TEMPERATURE RANGE	-320°F to +400°F
INSTALLATION	EX-100 Epoxy Sytem
REQUIRED ACCESSORIES	Epoxy; static mixing nozzle; manual dual component applicator; steel bands, banding clips and banding tool
CUSTOM MANUFACTURING	Available in any diameter, width, height and length