



Heavy-Duty CoolDry™ Insulated Saddles

Guide Specification

- A. Heavy-Duty CoolDry™ Insulated Saddles, as manufactured by Buckaroos, Inc. shall be installed by the mechanical contractor (when setting pipe elevation) at all trapeze, strut or roller style pipe support locations on insulated systems operating between -290°F and +250°F including:
 - 1. Domestic cold water, chilled water, condenser water
 - 2. Domestic hot water, heating water and low pressure steam
- B. Composition includes:
 - 1. Rigid phenolic foam insulation that meets ASTM E-84 (25/50 flame spread/smoke developed requirement) with density of:
 - a) 3.75 PCF (0.16 Btu-in/hr-ft²-°F @ 75°F mean) for pipe sizes up to 10" IPS
 - b) 5 PCF (0.20 Btu-in/hr-ft²-°F @ 75°F mean) for piping 11" IPS to 30" IPS
 - 2. Zero perm rated (ASTM E-96), abuse-resistant vapor barrier jacket with 1 1/2" wide longitudinal self-sealing acrylic tape closure system
 - 3. 12 gauge galvanized insulation protection shield centered and adhered to bottom with a minimum of 1.5" jacketed insulation extending from each side to allow proper circumferential closure at butt joints with 3" wide zero perm tape
 - 4. 1/4" structural steel plate welded to bottom of galvanized shield for sizes 6" IPS and larger
 - 5. CoolDry™ logo sticker located on bottom for visual inspection and verification at every support location