



PROJECT NAME: _____

PROJECT LOCATION; CITY: _____ STATE: _____ ZIP: _____

CONTRACTOR: _____

CenFuse HDPE Pipe, Earth Loops™, and Patented Bullet U-Bend Fittings for Geothermal Heat Pump Systems

SCOPE: This Product Submittal is for CenFuse polyethylene pipe and Centennial Plastics' Earth Loops™ with Centennial Plastics' Bullet U-Bend fitting for Geothermal Heating and Cooling applications.

MATERIAL: CenFuse HDPE and Bullet U-Bend fittings are manufactured from virgin high density polyethylene resin, specifically designed for geothermal applications. Resin cell classification for CenFuse and "Bullet" U-Bend fittings: 345464C per ASTM D 3350. CenFuse pipe is manufactured in accordance with ASTM D 3035. This material contains a minimum 2% Carbon Black as a UV inhibitor to accommodate outside storage. The material has a 1600 psi Hydrostatic Design Basis at 73° F. per ASTM D 2837 and is listed in Centennial Plastics name in PPI TR4 as a PE 3408 material.

CERTIFICATION: Centennial Plastics certifies that CenFuse polyethylene pipe, Earth Loops and "Bullet" U-Bend fittings meet the specifications and requirements stated here. The 3/4" "Bullet" U-Bend measures 2.375" outside to outside and .25" inside to inside. The 1" "Bullet" U-Bend measures 3.25" outside to outside and .5" inside to inside. The 1-1/4" "Bullet" U-Bend measures 3.75 outside to outside and .75" inside to inside.

WARRANTY: CenFuse polyethylene pipe comes with a limited non prorated warranty of 50 years. Centennial Plastics' Earth Loops™ come with a limited non prorated warranty of 50 years. (See Full Limited Warranty for complete conditions).

Effective April 18, 2005
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