



PROJECT NAME: _____

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

CONTRACTOR: _____

CenFuse 4710 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: 445576C 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 73⁰ F. per ASTM D 2837 and is listed in Centennial Plastics name in PPI TR4 as a PE 4710 material.

CERTIFICATION: Centennial Plastics certifies that CenFuse polyethylene pipe, Earth Loops and "Bullet" U-Bend fittings meet the specifications and requirements stated here.

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
1830 Centennial Avenue
Hastings, NE 68901
PH: (402) 462-2227
FAX: (402) 462-5529
Toll Free: (866) 851-2227
centennialplastics.com

Mike Mertens
Technical and ESH Manager