



Product Description and Print Line

CenFuse HDPE 4710 Polyethylene Pipe

Material:

All CenFuse HDPE 4710 pipe is manufactured from virgin high density polyethylene resin with the cell classification of 445576C per ASTM D 3350. The material contains a minimum 2% Carbon Black as a UV inhibitor to accommodate outside storage.

Print Line:

All CenFuse HDPE 4710 is permanently indent printed with white print stating the following:

1. Identification of Centennial Plastics as the manufacturer.
2. The appropriate SDR, SIDR and/or CTS designation and nominal diameter.
3. Product trade name.
4. All relevant ASTM standards to which CenFuse is manufactured.
5. Relevant NSF and AWWA standards.
6. Manufacturing dates using the Julian calendar.
7. Incremental footage marking every two feet.
8. Design temperature rating.
9. Production shift designation.
10. Identification of PE 4710 high density resin.

Recommended Usage:

CenFuse HDPE 4710 is recommended for use as the piping material for buried or submerged closed loop exchangers.

Connections:

CenFuse HDPE 4710 is manufactured to accommodate heat fusion. Centennial Plastics pre fabricates dual coils with the "Bullet" U-Bend fitting. The "Bullet" U-Bend fitting and CenFuse HDPE 4710 are manufactured with identical raw materials, allowing for the entire buried heat exchange system to be constructed from the same resin. It is recommended that closed loop applications requiring a dual coil, use Centennial Plastics "Bullet" U-Bend fitting. CenFuse is compatible with the normal butt and socket fusion fittings currently in use in the Geothermal industry.

Handling:

Any handling of the pipe shall avoid contact with sharp edged objects. If stored outside for long periods of time, the pipe should be covered with a UV resistant tarp or cover. If the wall of the pipe is penetrated by more than 10% of its thickness, the damaged pipe should be cut out, disposed of and replaced.

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Quality and Service that Soars!

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