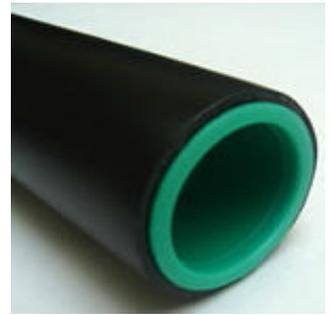




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**TRIFUSE**  
 CERTIFIED GEOTHERMAL HDPE PIPE

## Material and Technical Data Sheet

### TRIFUSE PE-3408 NSF Certified Geothermal Polyethylene Pipe

#### Product Standards

All Trifuse Geothermal polyethylene pipe is manufactured with a high density virgin resin. Trifuse manufactures with a PE-3408 resin that meets the ASTM Standard Specifications as per D-3350 with a cell classifications of 345464C ( 345434 previous cell Classification) with an ultraviolet stabilizer code of A, D or E.

The Plastic Pipe Institute standard grade listing as a PE-3408 material with a hydrostatic design basis of 1600 psi for water @ 23°C ( 73°F ). The PPI Standard grade listing as a PE-3408 material with HDB of 800 psi for water @ 60°C ( 140°F ).

The Canadian Standards Association (CSA) B137.1 standard for potable water pipe as a PE-3408 (HDB 1600 psi) material.

National Sanitation Foundation Standard 14 and standard 61 for potable water pipe and fittings.

#### Print Line : All Trifuse HDPE is printed with Yellow permanent print stating the following:

1. NSF Geothermal Logo
2. Identification of Trinus Pipes & Tubes as the manufacturer.
3. The appropriate SDR rating.
4. Product trade name.
5. All relevant ASTM standards of which Trifuse is manufactured.
6. Manufacturing date.
7. Incremental footage marking every 2 feet.
8. Design temperature rating.
9. Production shift designation.
10. Identification of PE-3408 high density resin.

Fluid Capacity per 100 FT		
Diameter	SDR	Gallons
3/4"	SDR 11	3.02
1"	SDR 11	4.73
1 1/4"	SDR 11	7.55
2"	SDR11	15.36

Hydrostatic Design	
Temperature	Hydrostatic Design Basis
23°C ( 73°F )	1600 PSI
60°C ( 140°F )	800 PSI

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