

# BUILDING & CONSTRUCTION DIVISION



## New PPI TN-55 on Geo Piping Systems



Courtesy IGSHA

The Plastics Pipe Institute (PPI) has published new **Technical Note 55** related to plastic piping systems used in ground-source geothermal or geoexchange applications.

Geothermal heating and cooling systems, also referred to as “ground source”, “ground-coupled”, or “earth energy” heat pump systems, provide heating, cooling, and domestic hot water more efficiently and less expensively than conventional heating and cooling technologies.

**TN-55 Plastic Piping Materials for Geothermal/ Geoexchange Heating and Cooling Applications** describes the types of plastic piping materials used in geothermal applications, listing the technical requirements for systems using HDPE, PEX, PE-RT and PP pipes, plus headers and manifolds. It addresses eight types of installation techniques.

TN-55 is the product of numerous Geo industry experts including IGSHA, and is provided as a resource for the geothermal industry. TN-55 is accessed at this link:

<https://plasticpipe.org/pdf/tn-55-geo-applications.pdf>

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