

ENDOT INDUSTRIES

PIPE AND TUBING

EndoPoly

THE "PREMIUM" GEOTHERMAL PIPE

1. **ENDOPOLY** is produced using Premium PE 4710 Polyethylene resin that exceeds the requirements of IGSHPA (International Ground Service Heat Pump Association)
2. **ENDOPOLY** is produced from Virgin High Density Polyethylene Resin with a cell classification of 445576C
3. **ENDOPOLY** is backed by a Lifetime Warranty, which is backed by one of the largest and oldest PE extruders in the nation, 40 years of continuous operation and production.
4. **ENDOPOLY** pipe quality is continuously monitored and third party certified by NSF, the National Sanitation Foundation.
5. **ENDOPOLY** is available in standard coils and custom lengths with or without U-bends to meet your needs.

WHY THE RESIN IS IMPORTANT

PE4710 resin that is 25% stronger than the old PE 3408/PE 3608 resins.

ASTM D3035 – PE 4710 resin is rated as SDR 13.5 = 160 PSI & SDR 11 = 200 PSI

ENDOT MEETS IGSPHA STANDARD 1C FOR GROUND HEAT EXCHANGER MATERIALS AS FOLLOWS

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| • 1C.2.1 – All PE pipe material is Virgin HDPE conforming to ASTM D3035 pipe and material specifications and ASTM D2513 extrusion standards Section 4.1 & 4.2. |
| • 1C.2.2 – Endot PE4710 material has a Hydrostatic Design Basis of 1600 psi @ 73°F and 1000 psi @ 140°F and listed in PPI TR4 as PE4710. |
| • 1C.2.2 – Endot PE 4710 has a cell class of 445576C exceeding IGSHPA minimum cell class of 345434C. |
| • All Endot pipe meets ASTM D3035 standards for all sizes, 1C.2.3.1, 1C.2.3.2, 1C.2.3.3 and meets the pressure requires per 1C2.3.5 for PE 4710 resin. |

CORPORATE HEADQUARTERS
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PLANT LOCATIONS
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