

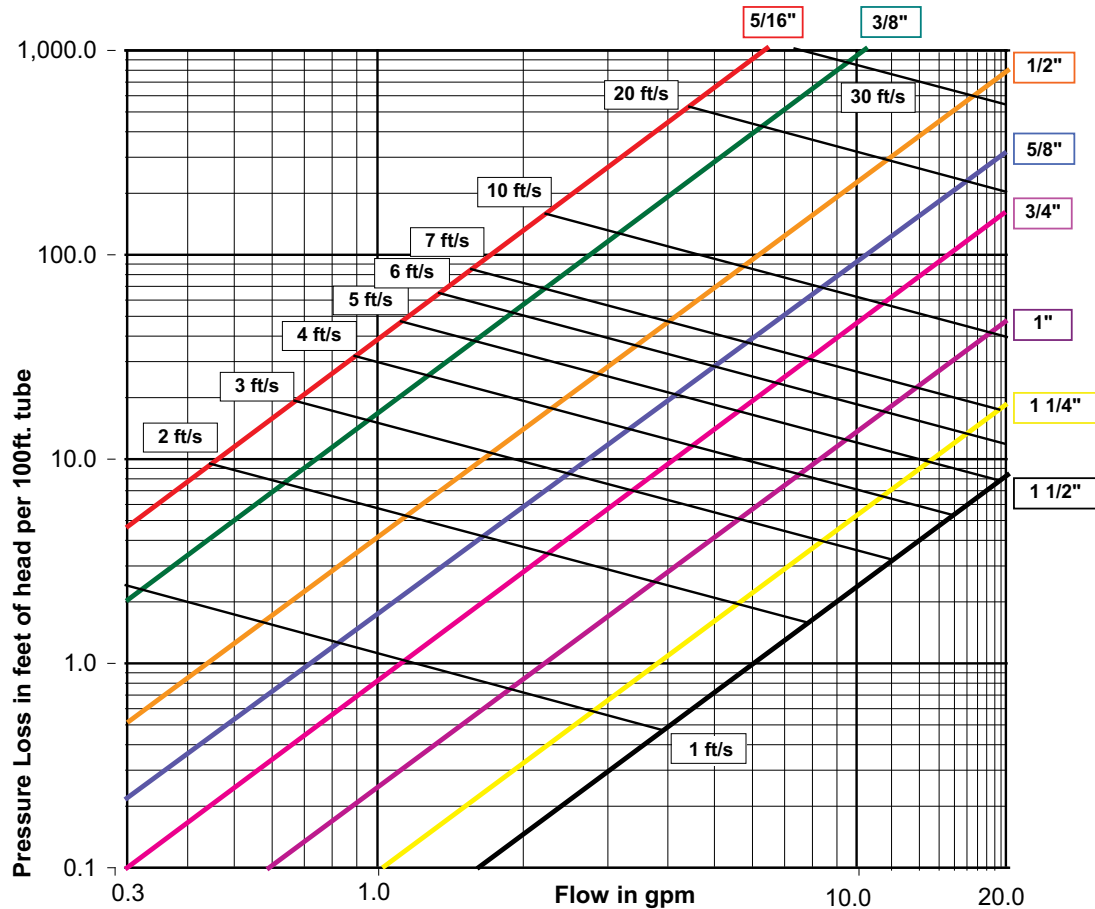
Technical Specifications

| Physical Properties | Unit | Test Method | Values |
|--|--------------------------------|-------------|---------------------|
| Density | lb/ft ³ | ASTM D-792 | 58.745 |
| Thermal Conductivity at 140°F | Btu/(h.ft ² .°F/in) | DIN 52612-1 | 2.7734 |
| Thermal Expansion Coefficient °F (68°F to 158°F) | | DIN 5375 | 0.0000394 |
| Oxygen Diffusion Rate with O2 Barrier at 100°F | mg/in ² ×24h | DIN 4726 | better than 0.0002 |
| Oxygen Diffusion Rate with O2 Barrier at 180°F | mg/in ² ×24h | DIN 4726 | better than 0.00004 |

| Mechanical Properties | Unit | Test Method | Values |
|--------------------------|------|-------------|---------|
| Tensile Yield | psi | ISO 527-2 | 2,988 |
| Ultimate Tensile | psi | ISO 527-2 | 5,221 |
| Percentage of Elongation | % | ISO 527-2 | 760 |
| Modulus of Elasticity | psi | ISO 178 | 138,511 |

PE RT conforms to ASTM F-2623

Pressure Drop Chart PEOC-PLUS Pipes



Combustibility

Polyethylene resins will burn when supplied with adequate amounts of heat and oxygen. They should be handled and stored away from contact with direct flames and/or other ignition sources. In burning, polyethylene resins contribute high heat and may generate a dense black smoke. Fires can be extinguished by conventional means with water fog preferred. In enclosed areas, fire fighters should be provided with self-contained breathing apparatus.

Recycling

Polyethylene resins can be recycled. Production rejects and/or conversion waste should preferably be recycled instead of being disposed of.