

+GF+ PE100 EcoFit Polyethylene



How GF Piping Systems Supports the Industrial Process Water Market

Consistent with Georg Fischer tradition, the introduction of GF PE100 Industrial Polyethylene ushers in a new generation piping system designed specifically for broad based applications. The dynamic combination of specifiable pipes, fittings, valves and cutting-edge fusion technologies integrates well into the industrial process industry.

Due to its robust mechanical strength, high impact resistance (including very low temperatures) and excellent chemical resistance, GF PE100 Industrial Polyethylene is the best all around product for your industrial process application. Whether it's process cooling water, industrial water treatment, bulk water distribution or chemical processing, GF PE100 will meet the challenges of your critical applications.

Applications:

- Chilled Water - Feeds secondary cooling applications (Heat exchangers, cooling towers)
- Process Cooling Water (PCW) - Feeds cooling water directly to a working tool or process
- Bulk / Reuse Water - Transfers large quantities of water from one process to a new process (Reclaim of process fluids, transfer between settling steps, transition from city water to processed water)
- Industrial Water Treatment

Industries:

- Food Processing
- Chemical Manufacturing
- Power Generation
- Semiconductor
- MRI and X-Ray Centers
- Plating Shops
- Industrial Water Treatment
- Pharmaceutical Manufacturing
- Pulp and Paper Manufacturing
- Solar

Product Overview:

Raw Material

- GF PE100 Polyethylene
(2" - 36") SDR11
(14" - 36") SDR17
- Fittings
(2" - 12") Molded
(14" - 36") Fabricated
- Valves
Compact Lateral (Tee) Valves
Full line of GF Valve Products

Fusion Technology

- Infrared Butt Fusion
2" through 8" Polyethylene
- Contact Butt Fusion
2" through 36" Polyethylene
- Electro-Fusion
2" through 26" Polyethylene

Competitive Advantages

- Ease of installation
- Good chemical resistance
- High impact resistance at very low temperatures
- Good abrasion resistance
- Low weight
- Excellent cost/performance ratio
- Safely and securely joined by heat fusion
- Fully integrated system from 1/2" through 36"

