Fabricated Fittings

Cosmoind USA manufactures a wide range of high-quality HDPE fabricated fittings for gas, water, and utility applications. Our fabricated fittings are produced using premium polyethylene materials and proven fabrication processes to meet applicable ASTM and ISO standards, ensuring strength, dimensional accuracy, and long-term performance. In addition to standard offerings, we provide custom fabricated HDPE fittings to support project-specific requirements, including large diameters and complex geometries. With in-house fabrication capabilities and technical support, Cosmoind USA delivers fusion-ready solutions that integrate seamlessly into HDPE piping systems. Contact us to learn more about our fabricated fittings or to discuss your specific application needs.

Our fabricated HDPE fittings include:

- Fabricated elbows, tees, reducers, and wyes (standard and custom configurations)
- Manifolds, laterals, and multi-outlet fabricated assemblies
- Custom fabricated fittings designed to meet project-specific requirements

Why Choose Fabricated HDPE Fittings vs. Molded?

Fabricated HDPE fittings are often selected when projects require flexibility, larger diameters, or non-standard configurations that molded fittings cannot provide. While molded fittings are ideal for common sizes and layouts, fabricated fittings allow utilities and engineers to address unique system requirements without compromising performance or reliability.

Key advantages of fabricated HDPE fittings include:

- Greater size and configuration flexibility, including large diameters, custom angles, and complex branch layouts
- Project-specific solutions, where standard molded fittings are unavailable or impractical
- Faster adaptation to field conditions, allowing systems to be built to exact specifications

When properly fabricated using qualified procedures and high-quality materials, fabricated HDPE fittings deliver the same long-term performance expected in utility-grade piping systems while offering the versatility needed for demanding applications.