

Flanged Ductile Iron PVC Coated Pipe Fitting

This ductile iron fitting features a PVC coating and a flanged base for secure connections. It is designed for use in piping systems requiring durable and corrosion-resistant components.



ADDITIONAL IMAGES



Product Overview

Ductile Iron Flanged Pipe Fittings

These flanged pipe fittings are engineered from high-strength ductile iron, offering exceptional durability and corrosion resistance for demanding piping systems. Each fitting undergoes a rigorous multi-layer coating process, including internal cement lining and external zinc-bituminous protection, ensuring long-term hydraulic efficiency and structural integrity. Designed for versatility, these components are suitable for centrifugally cast and integral cast pipe systems in water distribution and industrial fluid handling applications.

Material Composition

Chemical Composition

| Element | Percentage (%) |
|----------------|----------------|
| Carbon (C) | 3.1 - 3.9 |
| Silicon (Si) | 2.0 - 3.0 |
| Manganese (Mn) | d 0.3 |
| Phosphorus (P) | d 0.07 |

Coatings and Protection

External Coating

- Pure metallic Zinc (min 99.995% purity) at 200g/m²
- 120 microns of bituminous paint per ISO 8179-1

Internal Coating

Portland cement (Sulphate resistant type V) applied by centrifugal process per ISO 4179 standards.

Technical Standards

Standards & Compliance

ISO 4179, ISO 8179, BSEN Standards

Logistics

Standard Delivery Time

35 days