

IS 8794:1988 - Cast Iron Detachable Joints for Use with Asbestos Cement Pressure Pipes

Cast iron detachable joints are specially designed mechanical fittings used to connect asbestos cement pressure pipes in water supply and irrigation systems.. Made of **durable cast iron**, the joints are designed to handle the pressure demands of water systems while providing a secure and leak-free connection. They are often used in conjunction with asbestos cement pipes due to their compatibility, strength, and **corrosion resistance**, which makes them well-suited for long-term, high-pressure applications.

Consumers expect cast iron detachable joints to meet specific quality parameters that ensure safety, durability, and ease of use. Important attributes in this standard include **tensile strength**, hardness, **hydrostatic pressure test**, coating and dimensional tolerances.

IS 8794:1988 provides a comprehensive set of specifications to meet consumer expectations for cast iron detachable joints used with asbestos cement pressure pipes. The standard specifies minimum requirements for tensile strength, hydrostatic pressure resistance, and dimensional tolerances to ensure a secure, durable connection. **Corrosion resistance** requirements are also defined to enhance **longevity** and **performance in wet environments**. Additionally, IS 8794:1988 includes guidelines for testing the joints to verify their strength and durability under specified pressure and environmental conditions.

Hence IS 8794:1988 promotes reliability, quality, and compatibility, ensuring that detachable joints consistently perform well in water distribution systems.