

Grooved Pipe Fittings for Mechanical Couplings

Grooved fittings are mechanical couplings used to join pipes, providing a fast and reliable alternative to welding. These fittings consist of grooved pipe ends, a gasket, and a coupling housing, creating a leak-tight seal suitable for various applications.



Product Overview

Reliable Mechanical Pipe Joining

Grooved pipe fittings provide a fast, reliable, and easy-to-install alternative to traditional welding, threading, or flanging methods. By utilizing a coupling housing and gasket to join grooved pipe ends, these fittings create a secure, leak-tight seal suitable for demanding environments. They are engineered to accommodate expansion, contraction, and deflection, ensuring durability across a wide range of operating conditions.

Applications

Common Applications

Fire Protection Systems, HVAC, Plumbing, Industrial Piping

Technical Features

Key Benefits

- Faster installation compared to welding or threading
- Leak-tight seal performance
- Accommodates pipe expansion and contraction
- Allows for pipe deflection

Design Notes

Red finish often indicates fire protection use