

INNOVATIVE TECHNOLOGY

SUPER FLEX

DUCTILE CAST IRON FLEXIBLE EXPANSION JOINT



For Earthquake Mitigation Water & Wastewater Pipeline

Pipelines crossing unstable ground are apt to suffer from gradual or sudden movement. SUPER FLEX Ductile Cast Iron Flexible Expansion Joints are designed to restrain and to protect pipelines from differential movement.



After KOBE EARTHQUAKE in 1995 (JAPAN)

Spec. : DN400mm, Subsidence 500mm

Measurements: Subsidence 1100mm, Expansion 170mm

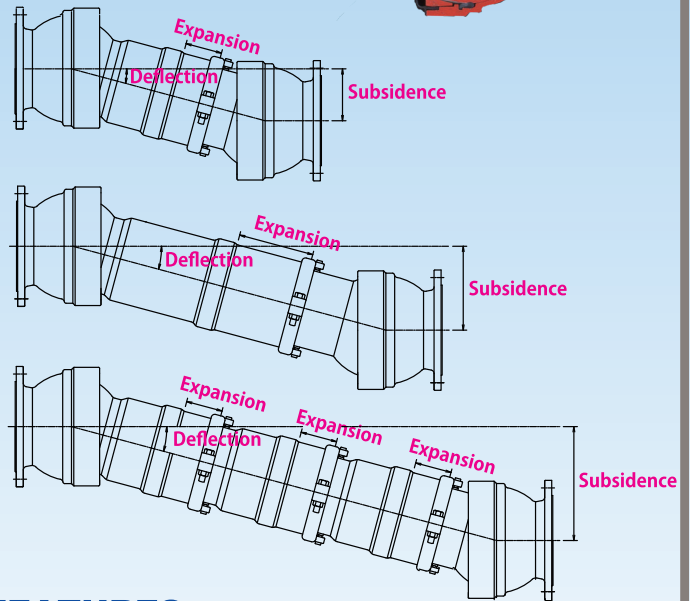
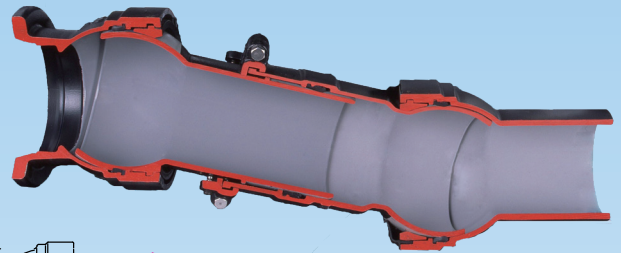


After LOMA PRIETA EARTHQUAKE in 1989 (USA)

Spec. : DN600mm, Subsidence 300mm

Measurements: Subsidence 120mm, Expansion 64mm

STRUCTURE



FEATURES

- Sizes 50mm through 1500mm
- Each ball part deflects 15 degrees in any direction.
- It can rotate 360 degrees; thus, relieving stresses and strains of the pipelines.
- Subsidence and expansion capacity can be increased by 100mm with an additional sleeve.
- Over 100,000 units were sold around the world.



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