



Strength and Durability for Life®



Thrust Restraint Design for Ductile Iron Pipe

Project Name

Project Data

Type of Fitting ?

Angle of Bends ?

Diameter of Bends ? in.

Known Length (L) ? ft.

Laying Condition ?

Soil Designation

Depth of Cover ft.

Design Pressure ? psi

Safety Factor ?

Horizontal Offset

Unit Frictional Force **1,203** lbs/ft

Unit Bearing Resistance **3,482** lbs/ft

L1 **61.4** ft

Polywrapped L1 **71.6** ft

