



Strength and Durability for Life®



Thrust Restraint Design for Ductile Iron Pipe

Project Name

Project Data

Type of Fitting ?

Diameter of Run ? in.

Diameter of Branch ? in.

Run Length (first joints) ? ft.

Laying Condition ?

Soil Designation

Depth of Cover ft.

Design Pressure ? psi

Safety Factor ?

Tee

Unit Frictional Force **217** lbs/ft

L **-1.0** ft

Polywrapped L **-1.4** ft

