



Strength and **Durability** for **Life**®



### Thrust Restraint Design for Ductile Iron Pipe

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Type of Fitting:

Dead End ☐

Diameter of Dead End:

36 ☐ in.

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Laying Condition:

Type 5 ☐

Soil Designation:

Clay 1 ☐

Depth Cover:

6 ☐ ft.

Design Pressure:

150 ☐ psi

Safety Factor:

1.5 ☐

Dead End

Unit Frictional Force: 2,405 lbs/ft

Required length of restrained joint pipe:

L = 108 ft

Polyethylene Encased L = 154 ft