

## **Technical Data**

### **TUFCOR METER PIT**

#### **Application**

Springfield Plastics, Inc. TufCor Meter Pit combines a corrugated outer wall and a smooth inner wall to give exceptional impact strength and a very high strength to weight ratio. The TufCor's primary use is to house and protect the water meter that is used for residential water service connections.

#### **Workmanship**

The TufCor Meter Pit shall be homogenous throughout and essentially uniform in color, opacity, density and other properties. The TufCor walls shall be free of cracks, holes, blisters, voids, foreign inclusions, or other defects that are visible to the naked eye and that may affect the wall integrity.

#### **Materials**

The TufCor meter pit is manufactured from virgin high-density polyethylene plastic. The virgin resins used in the manufacture of the TufCor meter pit shall conform to cell classification 335420E of ASTM D3350.

The white pigments used to color the unit contain ultraviolet stabilizers that protect the unit while being stored outside.

#### **Dimensions**

Nominal inside diameter – 18"

Nominal outside diameter – 18.7

Length – 24", 30", 36", 42", 48"

#### **Vertical Load**

The TufCor Meter Pit withstands 3000 lbs. Of vertical load when tested with a parallel plate testing machine with no evidence of the corrugation separating from the inner wall.

#### **Inner and Outer Wall Bond**

The inner and outer wall bond will not separate when probed with a knife point. It will not be possible to separate the two walls at the corrugation valley.

#### **Low Temperature Impact Tests**

The TufCor Meter Pit was subjected to a low temperature impact test where the TufCor was subjected to a 12 lb. tup after being conditioned to a temperature of 10+/- 5 degrees F for a period of 30 minutes. The TufCor exceeded 72 ft. lbs. of impact force and showed no signs of wall separation, cracking or splitting.

#### **Installation**

The TufCor Meter Pit should be installed in accordance with all local and state codes governing the use of the pits.