

## Product Evaluation

### RE: Review of FlexSteel Pipe

#### **PRODUCT**

The FlexSteel Pipe is manufactured and distributed by FlexSteel Pipeline Technologies located in Calgary, Alberta.

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS:**

FlexSteel Pipe is a revolutionary spooled pipe technology developed from more than 30 years of experience in demanding offshore environments. FlexSteel Pipe is corrosion resistant, environmentally friendly and has improved flow rates compared to steel pipe. Product web link: <http://www.flexsteelpipe.com/>

##### **DESCRIPTION:**

FlexSteel Pipe consists of a steel core, polyethylene inner liner and a polyethylene outer shield which is UV resistant. FlexSteel Pipe size range is from 2" to 8" with pressures from 750 psi to 3000 psi.

##### **POTENTIAL USAGE:**

The FlexSteel Pipe is fast, easy and inexpensive to install and provides superior tension capabilities. FlexSteel Pipe does not require a steel casing when installed under a roadway. FlexSteel pipe is the only on-shore flexible pipe with API 17J certification and an environmentally friendly gas capture annuals for zero emissions, it is a clear choice when failure is not a n option.

##### **STANDARDS:**

CSA Z662 – Section 13 - standard relating to fiber-reinforced composite piping.  
API 17J – American Petroleum Institute

#### **ALBERTA TRANSPORTATION COMMENTS**

##### **EXPERIENCE:**

Alberta Transportation has no experience with this product.

##### **APPLICATION STANDARDS:**

The Alberta Transportation specification for polyethylene culvert materials is as per the following:

Specification 5.24, Supply of Polyethylene Pipe

##### **RECOMMENDATIONS:**

FlexSteel Pipe be listed as a Potential Product under Alberta Transportation Products List, Utility Pipeline Crossing – Pressurized – Oil & Gas – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

**Caveat “Steel pipe casing is required under department highways with the use of this product”**

**TRIAL PROJECTS**

Joe Filice

cc Innovations Evaluation Group – Abid Malik  
Jim Poole  
Jim Gavin