



Galaxy Plastics Ltd.

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## **Sewer Gasketed Fittings**

### **Material Specifications**

#### **Scope:**

This letter covers the material specifications for PVC pipe used to make Sewer fittings.

Galaxy Plastics offers PVC sewer fittings for use in industrial, sanitary, storm- water in the following nominal sizes and SDR's:

4", 5", & 6" (100mm, 125mm, 150mm) SDR28

8" through 42" (200mm – 1050mm) SDR35

Galaxy Plastics products meet and exceed performance standards set out by American Society for Testing Materials (ASTM), Canadian Standards Association (CSA).

#### **Material:**

PVC extruded pipe used in the manufacturing of Galaxy Plastics fittings complies with:

- ASTM D1784, "*Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds*", having cell classification of 12454 or 12364.
- Gaskets used by Galaxy Plastics conform to ASTM F477, "*Standard Specifications for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*".

#### **Performance:**

Galaxy Plastics fabricated PVC gasketed sewer fittings conform to the following standards:

- ASTM D3034 "*Standard Specifications for Type PSM (PVC) Sewer Pipe and Fittings*"
- ASTM D3212 "*Standard Specifications for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals*"
- ASTM F679 "*Standard Specifications for (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings*"
- ASTM F1336 "*Standard Specifications for (PVC) Gasketed Sewer Fittings*"

Galaxy Plastics Fabricated fittings have been third party tested to meet and exceed CSA B182.2 "*PVC Sewer Pipe and Fittings (PSM Type)*" up to and including 24".

#### **Colour Coding:**

Galaxy Plastics fabricated gasketed sewer fittings are colour coded as follows:  
SDR35 – Green

SDR28 – White  
Injection Moulded – White

**Moulded Fittings:**

Tigre/ADS USA certifies that all moulded SDR35 gasketed sewer fittings will meet or exceed all specifications of ASTM D3034 and F1336. The basic material conforms to ASTM D1784 with a cell classification of 12454 or 13343, Type 1, Grade 1. Gasketed joints conform to ASTM D3212 and are formed using gaskets, which meets all of the requirements of ASTM F477.