



Galaxy Plastics Ltd.

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.