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**MULTI FITTINGS**  
HIGHER STANDARDS™

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# **TRENCH TOUGH PLUS™**

## **SDR 35 GASKETED SEWER FITTINGS**

### **LETTER OF COMPLIANCE**

#### **Scope:**

This letter of compliance covers the requirements for 4” through 42” (100 mm – 1050 mm) **PVC Trench Tough Plus SDR35 Gasketed Sewer Fittings**. These products meet or exceed performance standards set by the American Society of Testing and Materials (ASTM), CSA International (CSA) and the International Association of Plumbing and Mechanical Officials (IAPMO).

**Trench Tough Plus SDR35 Gasketed Sewer Fittings** are compatible with pipe manufactured to ASTM D 3034, CSA B182.1 and CSA B182.2 and is suitable for the non-pressure drainage of sewage and surface water. They can also be used in applications involving subsurface drainage.

#### **Material:**

Rigid PVC Poly(Vinyl Chloride) used in the manufacturing of **Trench Tough Plus SDR35 Gasketed Sewer Fittings** complies with ASTM D 1784, *Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds*, having a cell classification 12454 or 13343.

Gasket materials used in the manufacturing of **Trench Tough Plus SDR35 Gasketed Sewer Fittings** complies with either of the following requirements:

ASTM F 477 “*Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*” for low-head applications for rubber gaskets

ASTM F 913 “*Standard Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe*” for TPE gaskets

#### **Molded Fittings:**

Molded **Trench Tough Plus SDR35 Gasketed Sewer Fittings** conform to the following standards:

ASTM D 3034 “*Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings*”

ASTM D 3212 “*Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals*”

ASTM F 1336 “*Standard Specification for Poly(Vinyl Chloride) (PVC) Gasketed Sewer Fittings*”

CSA B182.1 “*Plastic Drain and Sewer Pipe and Pipe Fittings*”

CSA B182.2 “*PVC Sewer Pipe and Fittings (PSM Type)*”

IAPMO “*Uniform Plumbing Code*”



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**Trench Tough Plus SDR35 Gasketed Sewer Fittings**

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**Fabricated Fittings:**

Fabricated **Trench Tough Plus SDR35 Gasketed Sewer Fittings** are made from segments of pipe conforming to the following standards:

ASTM D3 034 “*Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings*”

ASTM D 3212 “*Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals*”

ASTM F 679 “*Standard Specification for Poly(Vinyl Chloride) (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings*”

ASTM F 1336 “*Standard Specification for Poly(Vinyl Chloride) (PVC) Gasketed Sewer Fittings*”

CSA B182.2 “*PVC Sewer Pipe and Fittings (PSM Type)*”

Note: Molded components meeting the requirements listed above may also be used as part of the fabricated fitting.

**Markings:**

**Trench Tough Plus SDR35 Gasketed Sewer Fittings** are marked as prescribed in the above applicable standards to indicate size of the fittings, material designation, compliance to standard, and manufacturer’s name or trademark.

**Color Coding:**

Gaskets for **Trench Tough Plus SDR35 Gasketed Sewer Fittings** are black.

Yours truly,

André Battistin, Eng.

Vice President, Manufacturing & Sourcing

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