



## Technical Specification Summary Sheet

**General** – RadonX™ soil gas venting, engineered by IPEX Inc., is a complete Schedule 40 PVC piping system that addresses the need for venting soil gases from low-rise dwellings. When installed properly, RadonX can help reduce indoor radon concentrations. RadonX offers a full range of vent pipes, gas collection pipes, fittings and solvent cement.

**Materials** – RadonX PVC pipes and fittings are manufactured from compounds that comply with the material requirements of CSA B181.2 "PVC Drain, Waste and Vent Pipe and Pipe Fittings".

**Compliance to Standards** – RadonX pipe and fittings comply to all material and testing requirements of CSA B181.2 and ASTM D2665. RadonX piping system complies to gas leakage, pull out, torque and combustibility test requirements of ULC S636.

RadonX vent pipe and fittings are listed by ULC to the standard CAN/ULC S102.2 and clearly marked with the certification logo indicating a Flame Spread Rating not exceeding 25.

**Code compatibility** – RadonX pipe and fittings satisfy the requirements of provincial and National Building Code 2015.

**Dimensions** – RadonX pipe and fittings are offered in 4" Schedule 40 size and meet the dimensional requirements of CSA B181.2 and ASTM D2665.

**Markings** – In accordance with CGSB/CAN 149.11 and CGSB/CAN 149.12, each length of RadonX pipe is tagged with a warning label. All RadonX fittings are tagged with a warning label against the risk of radon gas leak if system is not installed as per IPEX installation instructions. All RadonX pipe and fittings include identification markers to indicate size, material description, product application, complying standards, date of production and manufacturer's name or trademark. The pipe will consist of two yellow print-lines located 180 degrees apart. All warning labels are in yellow. All product markings are bilingual.

**Cements** – RadonX solvent cement meets the performance requirements of ASTM D2564. PVC cement is in yellow colour and should be only used with RadonX soil gas venting systems.

**Installation** – RadonX pipe and fittings are designed and tested as a system by IPEX Inc. Mixing of pipe, fittings or joining methods from different manufacturers is not allowed as they have different joint systems and adhesives. These can result in unsafe conditions and cause radon gas leaks. RadonX pipe and fittings must NOT be used for any applications other than soil gas venting.