Bureau de normalisation du Québec

BNQ 3624-120/2026

Smooth Inside Wall Open-Profile Polyethylene (PE) Pipe and Polyethylene (PE) Fittings for Storm Sewers, Culverts and Soil Drainage

STANDARD

BNQ 3624-120/2026

Smooth Inside Wall Open-Profile Polyethylene (PE) Pipe and Polyethylene (PE) Fittings for Storm Sewers, Culverts and Soil Drainage

Tuyaux à profil ouvert et à paroi intérieure lisse en polyéthylène (PE) et raccords en polyéthylène (PE) pour les égouts pluviaux, les ponceaux et le drainage des sols

Bureau de normalisation du Québec

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This new edition supersedes the edition dated April 28, 2016.

This document is published in both French and English. In case of incompatibility, the French version prevails.

The decision resulting from the systematic review that will enable to determine whether the current document shall be modified, revised, reaffirmed or withdrawn will be implemented no later than at the end of March 2036.

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FOREWORD

This standard was developed in compliance with the Standards Council of Canada (SCC)'s Requirements and Guidance for standards development organizations. Its publication was approved by a Standards Development Committee, whose members were:

Suppliers

DECOSTE, Simon	Advanced Drainage Systems (ADS Canada)
GERVAIS, David	Armtec
PAPINEAU, Alex	Maxi-Drain
ST-LOUIS, Mathieu	Soleno

Users

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DIEZ, Carl	Soleno

TABLE OF CONTENTS

1 PURPOSE AND SCOPE

This standard specifies the characteristics and test methods for polyethylene (PE) pipes and fittings designed for storm sewers, culverts and soil drainage.

This standard applies to smooth inside wall open-profile pipes, perforated or non-perforated, of 75 mm to 1 500 mm in diameter, and to fittings constructed by joining sections of pipe or rotomoulded fittings, injection-moulded fittings, blow-moulded fittings, or thermoformed fittings.

Pipes are divided into two classes: Class A, which is mainly used for urban and road infrastructure, and Class B, for soil drainage.

This standard was developed to serve as a reference document for conformity evaluation activities of specific products.

NOTE — Conformity evaluation is defined as the systematic examination of the extent to which a product fulfils specified requirements.

2 NORMATIVE REFERENCES

2.1 GENERAL

The references below (including any amendment or errata) are normative references, and are therefore considered mandatory. They are essential to the understanding and use of this standard, and are cited in appropriate places in the text.

It should be noted that a dated (normative and informative) reference refers to that specific edition of the reference, while a non-dated reference refers to the latest edition of the reference in question.

NOTE — This standard also cites informative references, which are listed in an annex.

2.2 DOCUMENTS FROM STANDARDS BODIES

ASTM International [https://www.astm.org]

ASTM D395	*Standard Test Methods for Rubber Property — Compression Set*.
ASTM D412	*Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers — Tension*.
ASTM D471	*Standard Test Method for Rubber Property — Effect of Liquids*.