



Bureau de normalisation
du Québec

BNQ 3624-110/2016 (R 2026)

**Single-Wall Polyethylene (PE)
Pipe and Fittings for Surface Water
Evacuation, Soil Drainage and Culverts**

STANDARD

BNQ 3624-110/2016
(R 2026)

Single-Wall Polyethylene (PE) Pipe and Fittings
for Surface Water Evacuation, Soil Drainage and Culverts

*Tuyaux à paroi simple et raccords en polyéthylène (PE)
pour l'évacuation des eaux de ruissèlement, le drainage des sols et les ponceaux*

Bureau de normalisation du Québec

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FOURTH EDITION — 2026-04-22

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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systematic review that will enable to determine whether the current document shall be modified, revised, reaffirmed or withdrawn will be implemented no later than at the end of April 2036.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 reaffirmation was approved by a Standards Development Committee, whose members were:

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1 **PURPOSE AND SCOPE**

This standard specifies the characteristics and test methods of polyethylene (PE) pipe and fittings designed to carry gravity flowing liquids, including surface water evacuation, soil drainage and culverts.

This standard applies to single-wall pipe with annular corrugations. Pipe diameters range from 100 mm to 600 mm and can be perforated.

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 A STANDARDS BODY**

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

ASTM D790 *Standard Tests Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.*

ASTM D2412 *Standard Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading.*

ASTM D2444 *Standard Practice for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight).*