



Certificate of Compliance

Certificate: 1484449

Master Contract: 162642

Project: 80175369

Date Issued: 2023-12-15

Issued To: Soleno Inc.
1160 Route 133
St-Jean-sur-Richelieu, Quebec, J2X 4B6
Canada

Attention: Mathieu St-Louis

The products listed below are eligible to bear the CSA Mark shown

Issued by: Grazyna Blazejewska
Grazyna Blazejewska



PRODUCTS

CLASS - C763601 - PLASTIC PIPE Drain and Sewer Pipe

CLASS - C763604 - PLASTIC PIPE Drain and Sewer Pipe – Recycled Material

Polyethylene (PE) Open-Profile Sewer Pipe (“SOLFLOMAX” tradename), with an essentially smooth waterway and circumferential outside corrugations – the nominal pipe size (NPS) is followed by the metric equivalent in brackets:

For the St-Jean-sur-Richelieu (“Iberville”), QC Factory (Ref CSA Factory No 4522266):

STORM SEWER PIPE (Certified to CSA Standard B182.8) - Non-perforated or perforated (see Note 2 below) - may be plain-end, or have the integral bell-ends or couplings indicated below:

- PS320 (320 kPa pipe stiffness) pipe, with integral bell-end - snap-type (Type 3 soil-tight non-gasketed joint): NPS 12 (300 mm), 15 (375 mm), 18 (450 mm), 21 (525 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).



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- PS320 (320 kPa pipe stiffness) pipe, with split-type coupling (Type 3 soil-tight non-gasketed joint): NPS 6 (150 mm), 8 (200 mm), 10 (250 mm), 12 (300 mm), 15 (375 mm), 18 (450 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS320 (320 kPa pipe stiffness) pipe, with snap-type double-bell coupling (Type 3 soil-tight non-gasketed joint): NPS 4 (100 mm), 6 (150 mm), 8 (200 mm), 10 (250 mm), 12 (300 mm).
- PS320 (320 kPa pipe stiffness) pipe, with integral bell-end for gasketed joint (Type 2 silt-tight gasket joint): NPS 12 (300 mm), 15 (375 mm), 18 (450 mm), 21 (525 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS320 (320 kPa pipe stiffness) pipe, with gasketed double-bell coupling (Type 2 silt-tight gasket joint): NPS 12 (300 mm).
- PS320 (320 kPa pipe stiffness) pipe, with gasketed double-bell coupling (Type 1 water-tight gasket joint): NPS 4 (100 mm), 6 (150 mm), 8 (200 mm), 10 (250 mm), 12 (300 mm).
- PS320 (320 kPa pipe stiffness) pipe, with integral bell-end for gasketed joint (Type 1 water-tight gasket joint): NPS 12 (300 mm), 15 (375 mm), 18 (450 mm), 21 (525 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS210 (210 kPa pipe stiffness) pipe, with integral bell-end - snap-type (Type 3 soil-tight non-gasketed joint): NPS 12 (300 mm), 15 (375 mm), 18 (450 mm), 21 (525 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS210 (210 kPa pipe stiffness) pipe, with split-type coupling (Type 3 soil-tight non-gasketed joint): NPS 12 (300 mm), 15 (375 mm), 18 (450 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS210 (210 kPa pipe stiffness) pipe, with snap-type double-bell coupling (Type 3 soil-tight non-gasketed joint): NPS 12 (300 mm).
- PS210 (210 kPa pipe stiffness) pipe, with integral bell-end for gasketed joint (Type 1 water-tight gasket joint): NPS 12 (300 mm).
- PS140 (140 kPa pipe stiffness) pipe, with integral bell end (Type 3 soil-tight non gasketed joint): NPS 42 (1050 mm)
- PS140 (140kPa pipe stiffness) pipe, with split-type coupling (Type 3 soil-tight non gasketed joint): NPS 42 (1050mm)
- PS125 (125 kPa pipe stiffness) pipe, with integral bell end (Type 3 soil-tight non gasketed joint): NPS 48(1200 mm)
- PS125 (125kPa pipe stiffness) pipe, with split-type coupling (Type 3 soil-tight non gasketed joint): NPS 48 (1200mm)



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For the McAdam, NB Factory (Ref CSA Factory No 4574408):

STORM SEWER PIPE (Certified to CSA Standard B182.8) - Non-perforated or perforated (see Note 2 below) – may be plain-end, or have the integral bell-ends or couplings indicated below:

- PS320 (320 kPa pipe stiffness) pipe, with integral bell-end - snap-type (Type 3 soil-tight non-gasketed joint): NPS 12 (300 mm), 15 (375 mm), 18 (450 mm), 21 (525 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS320 (320 kPa pipe stiffness) pipe, with split-type coupling (Type 3 soil-tight non-gasketed joint): NPS 6 (150 mm), 8 (200 mm), 10 (250 mm), 12 (300 mm), 15 (375 mm), 18 (450 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS320 (320 kPa pipe stiffness) pipe, with snap-type double-bell coupling (Type 3 soil-tight non-gasketed joint): NPS 4 (100 mm), 6 (150 mm), 8 (200 mm), 10 (250 mm), 12 (300 mm).
- PS320 (320 kPa pipe stiffness) pipe, with integral bell-end for gasketed joint (Type 2 silt-tight gasket joint): NPS 12 (300 mm), 15 (375 mm), 18 (450 mm), 21 (525 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS320 (320 kPa pipe stiffness) pipe, with gasketed double-bell coupling (Type 2 silt-tight gasket joint): NPS 12 (300 mm).
- PS320 (320 kPa pipe stiffness) pipe, with gasketed double-bell coupling (Type 1 water-tight gasket joint): NPS 4 (100 mm), 6 (150 mm), 8 (200 mm), 10 (250 mm), 12 (300 mm).
- PS320 (320 kPa pipe stiffness) pipe, with integral bell-end for gasketed joint (Type 1 water-tight gasket joint): NPS 12 (300 mm), 15 (375 mm), 18 (450 mm), 21 (525 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS210 (210 kPa pipe stiffness) pipe, with integral bell-end - snap-type (Type 3 soil-tight non-gasketed joint): NPS 12 (300 mm), 15 (375 mm), 18 (450 mm), 21 (525 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS210 (210 kPa pipe stiffness) pipe, with split-type coupling (Type 3 soil-tight non-gasketed joint): NPS 12 (300 mm), 15 (375 mm), 18 (450 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm).
- PS210 (210 kPa pipe stiffness) pipe, with snap-type double-bell coupling (Type 3 soil-tight non-gasketed joint): NPS 12 (300 mm).
- PS210 (210 kPa pipe stiffness) pipe, with integral bell-end for gasketed joint (Type 1 water-tight gasket joint): NPS 12 (300 mm).
- PS140 (140 kPa pipe stiffness) pipe, with integral bell end (Type 3 soil-tight non gasketed joint): NSP 42 (1200 mm)
- PS140 (140 kPa pipe stiffness) pipe, with split-type coupling (Type 3 soil-tight non gasketed joint): NPS 42 (1200 mm)
- PS125 (125 kPa pipe stiffness) pipe, with integral bell end (Type 3 soil-tight non gasketed joint): NSP 48 (1200 mm)
- PS125 (125 kPa pipe stiffness) pipe, with split-type coupling (Type 3 soil-tight non gasketed joint): NPS 48 (1200 mm)



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- 1) The split-type couplings, snap-type double-bell couplings, and gasketed double-bell couplings supplied with these pipes, as noted above, are the submitter's own CSA Certified fittings as listed and described in Class 7633 01 and File LM 111796.
 - 2) The perforations in the above Storm sewer pipe(s) are as per the submitter's specifications.

APPLICABLE REQUIREMENTS

CSA Standard B182.8:21 - Profile Polyethylene (PE) Storm Sewer and Drainage Pipe and Fittings

Part of CAN/CSA B1800:21 with Update No.1 – Thermoplastic Nonpressure Piping Compendium.

Notes:

Products certified under Class C763601 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80175369	2023-12-15	Update to Report No.1484449 - addition of Class 7636-04 for PE recycled pipe certified to CSA B182.8:21 with Update No.1.
80147759	2023-10-26	Upgrade certification to CSA B182.8:21 with Update No.1 in accordance with CSA Plumbing Products Notice No. 360 and Informs 351.
70120513	2017-02-03	Update Report 1484449 to amend factory testing frequencies
70014862	2017-01-18	Certification of 48" Profile Sewer Pipe manufactured at the McAdam NB factory. Certified to CSA Standard B182.8-11
70020219	2017-01-18	Update Report 1484449 for the addition 42" profile PE sewer pipe, non-perforated with plain or integral bell ends for McAdam, NB (factory no. 4574408).
2754436	2017-01-11	Addition of 42" and 48" diameter Open Profile Storm Sewer pipe for factory 4522266.
2693096	2014-02-25	Transfer of Certified Pipes from Iberville, QC to McAdam, NB plant as described in "Tests" section of report 1484449.
2569072	2012-11-06	Update Report # 1484449 to add PS320 (320 kPa pipe stiffness) pipe, with integral bell-end for gasketed joint (Type 1 water-tight gasket joint): NPS 21 (525 mm), 24 (600 mm), 30 (750 mm), 36 (900 mm) for factories: 4522266 and 4574408.
2530568	2012-06-25	Addition of PS320 Pipe with Type 1 watertight gasket joint, and Type 2 silt-tight gasket joint, for the factories No(s) 4522266 and 4574408.
2426331	2012-04-04	Addition of SOLENO 1, 3 and 5 as alternate materials, and snap coupling and Type 1 bell-end for NPS 12 pipe; deletion of obsolete materials 2004-1/-2/-3 and Mobil HYA-024, and B182.6 sanitary sewer pipe; injection-moulding moved to Champlain Plastics.



1858325	2007-05-03	Transfer all certified pipes from factory Nos 4702685 (Hagersville, ON) and 4708557 (St-Nicolas, QC - "Bernieres") to the factory No 4522266 (St-Jean-sur-Richelieu, QC - "Iberville").
1657282	2005-12-21	Addition of NPS 18 and 24 320kPa storm sewer pipes from Iberville plant; and gasketed double-bell couplings (Type 1 Watertight joints) for NPS 4, 6, 8 and 10 320kPa storm sewer pipes from the Bernieres plant.
1587807	2004-10-22	Addition of NPS 4, 6, 8, 10, 12, 18 PS320 storm sewer pipes from St-Nicolas ("Bernieres") plant, and NPS 6, 12, 15 PS320 storm sewer pipes from St-Jean-sur-Richelieu ("Iberville") plant.
1484449	2004-04-23	Supersedes all previous reports for this Class; update of Certification*; additional pipes*; addition of Hagersville, ON factory.