



Bureau de normalisation  
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BNQ is a member of the National  
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# ANNEX TO THE CERTIFICATE

**ADVANCED DRAINAGE SYSTEMS, INC.**

Page 1 of 2

173 Industrial Park North  
Muncy, PA 17756  
USA

**BNQ 3624-120/2016-04-26**

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

Certificate number: **3380**  
Issue date: **2023-06-28**  
Expiry date: **2025-06-30**

## DUAL WALL OPEN PROFILE PIPES WITH ANNULAR CORRUGATIONS

Diameter, mm	Category	Class	Type
100*	R 320	A	1 and 2
150*	R 320	A	1 and 2
200*	R 320	A	1 and 2
250*	R 320	A	1 and 2
1050*	R 140	A	1
1200*	R 125	A	1
1500*	R 95	A	1

The trade name of these pipes is: **N-12 Dual Wall ST** with Plain End Pipe;  
**N-12 Dual Wall ST** with Bell and Spigot joining system.

\* Soil tight only, joint tightness has not been verified (Clause 6.2.4).

R 320: Minimum Stiffness of 320 kPa, at 5 % deflection;

R 140: Minimum Stiffness of 140 kPa, at 5 % deflection;

R 125: Minimum Stiffness of 125 kPa, at 5 % deflection;

R 95: Minimum Stiffness of 95 kPa, at 5 % deflection.

1: non-perforated. — 2: perforated.

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**DESIGNATED FITTINGS COMPATIBLE WITH CERTIFIED PIPES**

Diameter, mm	Type	Product Code	Manufacturer
100	Integral Bell and Spigot	04610020IBEA + 0459AG	ADS
150	Integral Bell and Spigot	06610020IBEA + 0659AG	ADS
150	Integral Bell and Spigot	04610020IBEA + 0659AG	ADS
150	Integral Bell and Spigot	04650020IBEA + 0659AG	ADS
200	Integral Bell and Spigot	08610020IBEA + 0859AG	ADS
200	Integral Bell and Spigot	04610020IBEA + 0859AG	ADS
200	Integral Bell and Spigot	04650020IBEA + 0859AG	ADS
250	Integral Bell and Spigot	10610020IBEA + 1059AG	ADS
250	Integral Bell and Spigot	04610020IBEA + 1059AG	ADS
250	Integral Bell and Spigot	04650020IBEA + 1059AG	ADS
1050	Integral Bell and Spigot	42650020IB + 4266MG	ADS/Hancor (A/H)
1200	Integral Bell and Spigot	48650020IB + 4866MG	ADS/Hancor (A/H)
1500	Integral Bell and Spigot	60650020IB + 6066MG	ADS/Hancor (A/H)

Note. — The designated fittings are not BNQ certified fittings. However, BNQ submit designated fittings to required testing to ensure their compatibility with the certified pipes.

**HISTORY**

Date	Description
2019-06-04	Issuance of certificate.
2021-06-17	Renewal of certificate.
2021-07-21	Add 150 mm (type 1+2), 200 mm (type 1+2) and 250 mm (type 1), R320, Class A pipes.
2021-07-27	Add 250 mm type 2, R320, Class A pipe.
2021-08-11	Add 100 mm (type 1+2), R320, Classe A pipe.
2022-04-29	Add designated fittings product code for 150, 200 and 250 mm type 2 pipes.
2023-06-28	Renewal of certificate.

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