
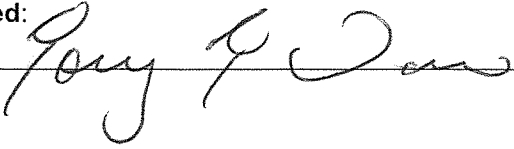


CONTRACTOR SUBMITTAL FORM

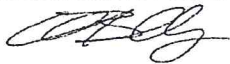
Project Name: Navajo Gallup Water Supply Project Reach 26.3	<input checked="" type="checkbox"/> M (Materials)	Submittal No. M001A
SMA Project No: 6921307	<input type="checkbox"/> T (Testing)	
Date: 07/11/2019	<input type="checkbox"/> A (Administrative)	
Contractor: Navajo Engineering and Construction Authority	No. of Copies: 1	


Supplier: Core & Main	Manufacturer: North American Pipe Corporation
Specification No.: 33 11 13 – 2.1 A.	Drawing No.: DT-8
Bid Item No(s).: 22	
Submittal Checklist No(s).: 200	
Product Description: M001A addresses ONLY 2" DR21 PR 200 Pipe 4", 6", 10", 12", 24" DR18 C900 PVC Pipe APPROVED FROM ORIGINAL SUBMITTAL M001. 8" C900 DR18 also APPROVED in original submittal. Original M001 with Engineer's comments attached.	
Are there any deviations from the Contract Documents? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Explain:	
Contractor's certification that product meets requirements of Contract Documents: <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Certified with variations as noted on shop drawings and/or attached sheets.	
Signed:  Quentin Benally	Date: 07/11/2019

Engineer's Comments: <input checked="" type="checkbox"/> No Exception Taken <input type="checkbox"/> Approved as Corrected <input type="checkbox"/> Exceptions as Noted <input type="checkbox"/> Submittal Rejected <input type="checkbox"/> Revise and Resubmit to Engineer <input type="checkbox"/> Contractor to Submit Specified Information	<p>Review is limited to check for compliance with design concept. No changes from provisions of Contract Documents are intended and Contractor remains responsible for compliance with revisions therein.</p> <p>The Contractor is solely responsible for quantities; correctness of dimensions; verification of physical interrelation of elements of the work as required by the drawings and specifications and by field determination; fabrication procedures, construction methods, techniques and sequences. This review does not relieve the Contractor from these responsibilities.</p> <p>Non-conformities and errors detected have been noted but such markings, or lack thereof, shall not relieve the Contractor from compliance with all requirements of the contract drawings and specifications.</p>
Signed: 	Date: 7/12/19

CONTRACTOR SUBMITTAL FORM

Project Name: Navajo Gallup Water Supply Project Reach 26.3	<input checked="" type="checkbox"/> M (Materials)	Submittal No. M001
SMA Project No: 6921307	<input type="checkbox"/> T (Testing)	
Date: 06/27/2019	<input type="checkbox"/> A (Administrative)	
Contractor: Navajo Engineering and Construction Authority	No. of Copies: 1	

Supplier: Core & Main	Manufacturer: North American Pipe Corporation
Specification No.: 33 11 13 – 2.1 A.	Drawing No.: C-6-32, DT-1, 3, 8-11, 17, 19
Bid Item No(s): 9, 11, 13, 22, 34, 39	
Submittal Checklist No(s): 200	
Product Description: 4", 6", 10", 12", 24" DR18 C900 PVC Pipe 2" DR21 PR 200 Pipe	
Are there any deviations from the Contract Documents? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Explain:	
Contractor's certification that product meets requirements of Contract Documents: <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Certified with variations as noted on shop drawings and/or attached sheets.	
Signed:  Quentin Benally	Date: 06/27/2019

<p>Engineer's Comments:</p> <p><input type="checkbox"/> No Exception Taken</p> <p><input type="checkbox"/> Approved as Corrected</p> <p><input type="checkbox"/> Exceptions as Noted</p> <p><input type="checkbox"/> Submittal Rejected</p> <p><input checked="" type="checkbox"/> Revise and Resubmit to Engineer</p> <p><input type="checkbox"/> Contractor to Submit Specified Information</p> <p>• C900 DR 18 Approved - This product may also be used for 8" DR 18 at tank site</p> <p>• D2241 PVC - Not approved - Pipe shall be white "water" pipe, not green "waste water". Resubmit.</p>	<p>Review is limited to check for compliance with design concept. No changes from provisions of Contract Documents are intended and Contractor remains responsible for compliance with revisions therein.</p> <p>The Contractor is solely responsible for quantities; correctness of dimensions; verification of physical interrelation of elements of the work as required by the drawings and specifications and by field determination; fabrication procedures, construction methods, techniques and sequences. This review does not relieve the Contractor from these responsibilities.</p> <p>Non-conformities and errors detected have been noted but such markings, or lack thereof, shall not relieve the Contractor from compliance with all requirements of the contract drawings and specifications.</p>
Signed: 	Date: 7/3/19



North American Pipe Corporation™

ASTM D2241: Gasketed Integral Bell PVC Pipe

Municipal

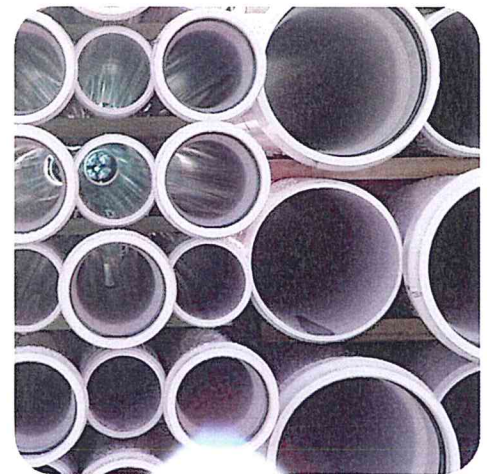
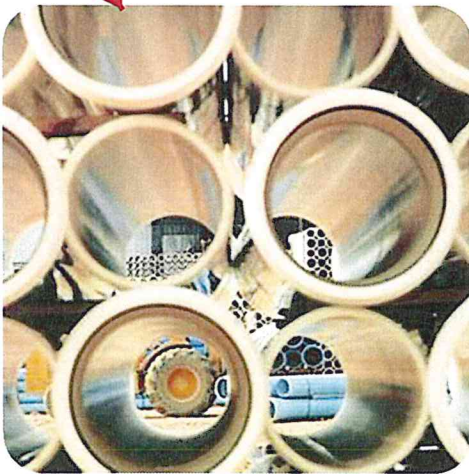
Water, Wastewater, Reclaimed Water

North American Pipe Corporation's ASTM D2241 Gasketed Integral Bell PVC Pipe product line is manufactured to meet the needs of water distribution and irrigation systems. With top quality raw materials and modern processing technology, our D2241 pipe meets all industry standards in addition to our own rigorous quality control requirements.

Our D2241 pipe utilizes Rieber style gaskets throughout the entire product offering to create a leak-free joint.

Whether specifying or installing our pipe, you can be assured that North American Pipe will provide the pipe "Right, On Time, All the Time".

Pipe Standard:	AWWA D2241
Diameter Standard:	Iron Pipe Size (IPS)
Nominal Sizes:	1½", 2", 2½", 3", 4", 6", 8", 10", 12"
Dimension Ratios & Pressure Ratings:	SDR 41 – 100 psi SDR 32.5 – 125 psi SDR 26 – 160 psi SDR 21 – 200 psi SDR 17 – 250 psi SDR 13.5 – 315 psi
Lay Length:	20' – All Sizes 40' and 42' – 2" to 6" Sizes
Pipe Compound:	ASTM D1784 Cell Class 12454
Pipe Joint Std.:	ASTM D3139
Gasket Standard:	ASTM F477
Gasket Material Offerings:	Styrene-Butadiene Rubber [Std.] Nitrile, EPDM [Optional]
Installation Std.:	ASTM D2774

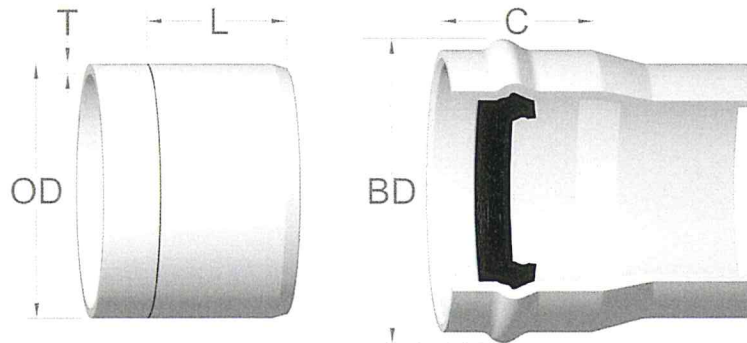


Applications:	Water	Wastewater	Reclaimed Water
Color:	White	Green	Purple
Certifications:	NSF 14 NSF 61	None	None



North American Pipe Corporation™

ASTM D2241: Gasketed Integral Bell PVC Pipe



NOMINAL PIPE SIZE	OUTSIDE DIAMETER (OD)	*APPROX. BELL DIAMETER (BD)	APPROX. BELL DEPTH (C)	INSERTION MARK (L)
1½"	1.900	2.625	3.250	2.625
2"	2.375	3.250	3.500	2.750
2½"	2.875	4.000	4.125	3.125
3"	3.500	4.750	4.125	3.625
4"	4.500	5.875	4.625	4.000
6"	6.625	8.500	6.250	5.375
8"	8.625	10.625	7.250	6.375
10"	10.750	13.125	7.500	6.625
12"	12.750	15.500	8.250	7.375

NOMINAL PIPE SIZE	MINIMUM WALL THICKNESS (T)					
	PR 100 SDR 41	PR 125 SDR 32.5	PR 160 SDR 26	PR 200 SDR 21	PR 250 SDR 17	PR 315 SDR 13.5
1½"	---	**	**	.090	.112	.141
2"	---	**	.091	.113	.140	.176
2½"	---	**	.110	.137	.169	.213
3"	.085	.108	.135	.167	.206	.259
4"	.110	.138	.173	.214	.265	.333
6"	.162	.204	.255	.316	.390	.491
8"	.210	.265	.332	.410	.508	---
10"	.262	.331	.413	.511	.632	---
12"	.311	.392	.490	.606	.750	---

Notes:

1. These dimensions are for estimating purposes only. All dimension are in inches.
2. SDR = Standard Dimension Ratio
3. PR = Pressure Rating (psi).
4. * Dimension given for Approx. Bell Diameter (BD) is for highest pressure rating.
5. ** Consult our Customer Service or Sales Department for availability.