

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES \_\_\_\_\_ NO X

MAXIMUM ESCALATION PERCENTAGE REQUESTED \_\_\_\_\_%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF \_\_\_\_\_.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

3-5 DAYS

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) \_\_\_\_\_

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Cimsco

ADDRESS: 1840 L&A RO.

CITY, STATE: METairie, LA ZIP: 70001

TELEPHONE: (504) 835-7319 FAX: (504) 832-0820

EMAIL ADDRESS: JEFF@CIMS.CO,INC.COM

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: \_\_\_\_\_  
NUMBER: \_\_\_\_\_  
NUMBER: \_\_\_\_\_  
NUMBER: \_\_\_\_\_

TOTAL PRICE OF ALL BID ITEMS: \$ 61030<sup>00</sup>

AUTHORIZED SIGNATURE: [Signature]

JEFF DEVIKOR

Printed Name

TITLE: SALES

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00125482

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	100.00	FT	ONE YEAR CONTRACT FOR SUPPLY OF C900 AND C905 PVC PRESSURE PIPE FOR JEFFERSON PARISH DEPARTMENT OF WATER, SEWERAGE AND ALL AGENCIES AND MUNICIPALITIES. 0001 - Group 1, 4 INCH C-900	2.08	208 <sup>-</sup>
2	2,800.00	FT	0002 - Group 1, 6 inch C-900	4.12	11536 <sup>-</sup>
3	3,150.00	FT	0003 - Group 1, 8 inch C-900	7.15	22522.50
4	200.00	FT	0004 - Group 1, 10 inch C-900	10.73	2146 <sup>-</sup>
5	350.00	FT	0005 - Group 1, 12 inch C-900	15.15	5302.50
6	100.00	FT	0006 - Group 2, 14 inch C-905	17.90	1790 <sup>-</sup>
7	250.00	FT	0007 - Group 2, 16 inch C-905	28.50	7125 <sup>-</sup>
8	100.00	FT	0008 - Group 2, 20 inch C-905	33.50	3350 <sup>-</sup>
9	150.00	FT	0009 - Group 2, 24 inch C-905	47 <sup>00</sup>	7050 <sup>-</sup>

Non-Public Works Bid

AFFIDAVIT

STATE OF LA

PARISH/COUNTY OF JEFFERSON

BEFORE ME, the undersigned authority, personally came and appeared: JEFF  
DEVILIER, (Affiant) who after being by me duly sworn, deposed and said that  
he/she is the fully authorized AGENT of CISCO (Entity),  
the party who submitted a bid in response to Bid Number 50-125482, to the Parish of  
Jefferson.

Affiant further said:

Campaign Contribution Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

Choice A \_\_\_\_\_ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B X there are NO campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

Choice A \_\_\_\_\_ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B  \_\_\_\_\_ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

*[The remainder of this page is intentionally left blank.]*

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Jeff Devillier  
Signature of Affiant

JEFF DEVILLIER  
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME  
ON THE 27<sup>TH</sup> DAY OF February 2019.

Lisa Orlando  
Notary Public

LISA ORLANDO  
Printed Name of Notary

146644  
Notary/Bar Roll Number

My commission expires upon death



OFFICIAL SEAL  
LISA ORLANDO  
NOTARY PUBLIC  
ORLEANS PARISH NOTARY NO. 146644  
COMMISSION ISSUED FOR LIFE

**CORPORATE RESOLUTION**

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF  
Cimsco, Inc.  
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Cimsco, Inc.  
INCORPORATED, DULY NOTICED AND HELD ON February 5, 2019,  
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
WAS:

RESOLVED THAT Jeffrey Devillier, BE AND IS HEREBY  
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-  
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON  
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS  
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,  
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE  
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,  
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES  
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS  
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING  
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-  
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE  
A TRUE AND CORRECT COPY OF AN  
EXCERPT OF THE MINUTES OF THE ABOVE  
DATED MEETING OF THE BOARD OF  
DIRECTORS OF SAID CORPORATION, AND  
THE SAME HAS NOT BEEN REVOKED OR  
RESCINDED.

Amie C. Riviere  
SECRETARY-TREASURER

February 25, 2019  
DATE



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
9/18/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

<b>PRODUCER</b> E B Ducasse Insurance Agency, Inc 3200 Ridgelake Dr, Suite 401 Metairie LA 70002		<b>CONTACT NAME:</b> Darly Oser <b>PHONE (A/C, No, Ext):</b> (504) 840-9883 <b>FAX (A/C, No):</b> (504) 840-9889 <b>E-MAIL ADDRESS:</b> doser@ebducasse.com	
		<b>INSURER(S) AFFORDING COVERAGE</b>	
		<b>INSURER A:</b> United Fire and Indemnity Co	<b>NAIC #</b> 19496
<b>INSURED</b> CIMSCO INC 1840 L AND A ROAD METAIRIE LA 70001-6237		<b>INSURER B:</b> Technology Insurance Co	<b>NAIC #</b> 42376
		<b>INSURER C:</b>	
		<b>INSURER D:</b>	
		<b>INSURER E:</b>	
		<b>INSURER F:</b>	

**COVERAGES** **CERTIFICATE NUMBER: 18-19** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR			60418952	9/1/2018	9/1/2019	EACH OCCURRENCE \$ 1,000,000
			DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000				
			MED EXP (Any one person) \$ 5,000				
			PERSONAL & ADV INJURY \$ 1,000,000				
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
							Liquor Liability Exclusion \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS			60418952	9/1/2018	9/1/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
			<input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE			60418952	9/1/2018	9/1/2019	EACH OCCURRENCE \$ 1,000,000
			<input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000				AGGREGATE \$ 1,000,000
							\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		<input type="checkbox"/> Y/N <input type="checkbox"/> N/A	TWC3734224	9/1/2018	9/1/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
			E.L. EACH ACCIDENT \$ 1,000,000				
			E.L. DISEASE - EA EMPLOYEE \$ 1,000,000				
			E.L. DISEASE - POLICY LIMIT \$ 1,000,000				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
The Parish of Jefferson, its districts, departments, and agencies under the direction of the Parish President and Parish Council are named as additional insured on the general liability and auto liability policies when required by written contract. The general liability and workers comp insurers will have no right of recovery or subrogation against the Parish of Jefferson, its Districts, Departments and Agencies under the direction of the Parish President and Parish Council, it being the intention of the parties that the General Liability and Workers Compensation policies described above shall protect both parties and be primary coverage for any and all losses covered by the described insurance. Bid #50-125482

<b>CERTIFICATE HOLDER</b>  The Parish of Jefferson, its Districts, Department & Agencies under the direction the Parish President & the Parish Council Department of Engineering 1221 Elmwood Park Blvd Ste 802 Jefferson, LA 70123	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	<b>AUTHORIZED REPRESENTATIVE</b>  E Ducasse Sr./WAYNE <i>Edward B. Ducasse, Sr.</i>

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**DIAMOND**  **PLASTICS®**  
CORPORATION

PRODUCT CATALOG



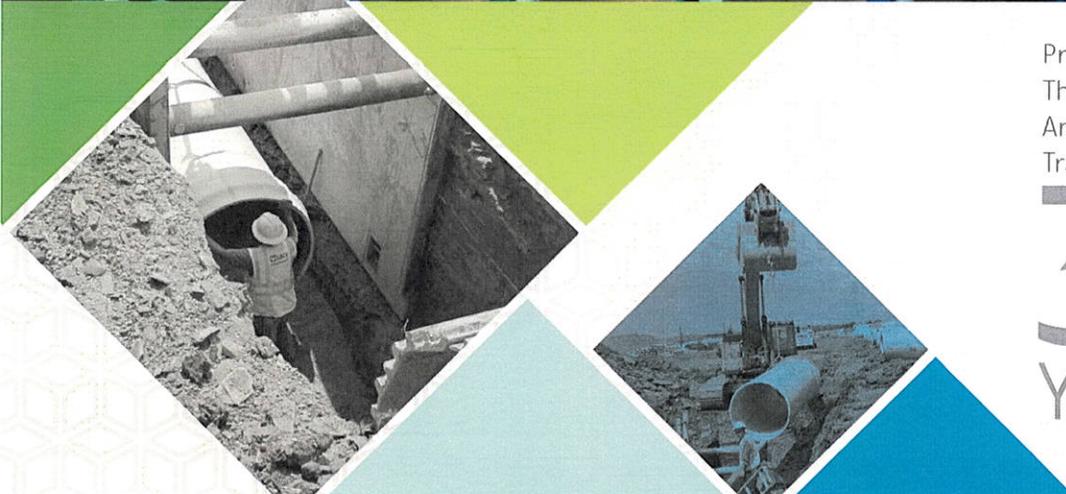
WATER

SEWER

IRRIGATION

Proudly Serving  
The Construction  
And Engineering  
Trades For Over

**30**  
YEARS



# C900 PVC PRESSURE PIPE

## 4"-12" SPECIFICATION DATA

Diamond (C900) PVC Pipe (4" through 12") is made of 12454 compound per ASTM D1784, in accordance with the dimensional chemical, and physical requirements of AWWA C900.

Diamond (C900) PVC Pipe bears the mark of NSF, International (NSF) and the listing of Underwriters Laboratory, Inc. (UL). Some factory locations produce C900 bearing the mark of the Canadian Standards Association (CSA) and NSF14.

Diamond (C900) PVC Pipe utilizes a gasket, per ASTM F477, to seal the integral bell socket to the spigot of the next joint (which conforms to the requirements of ASTM D3139.) Each male end is beveled to facilitate joint assembly, and the spigot is referenced marked to ensure proper insertion depth. Diamond furnished lubricant is to be used in the joining process. Specialty gaskets may be available upon request.

## PHYSICAL PROPERTIES OF PVC 12454:

Property	ASTM Test	Minimum
Specific Gravity	D792	1.40
Tensile Strength, psi	D638	7,000
Tensile Modulus, psi	D638	400,000
IZOD Impact Strength	D256	.65ft., lb./in.

### SHORT FORM Specification for Diamond C900 PVC Water Pipe

Diamond C900 PVC Water Pipe shall be made of compounds conforming to ASTM D1784 with a cell classification of 12454. Diamond C900 shall meet all the dimensional, chemical, and physical requirements as outlined in AWWA C900 and will be supplied in 20 and 22 foot laying lengths. Joints shall meet the requirements of ASTM D3139 and shall be formed using Rieber Technology. Gaskets shall meet the requirements of ASTM F477.

Potable water pipe shall be manufactured from National Sanitation Foundation (NSF) approved compounds.

## C900™

AWWA C900 SPECIFICATION DATA. SUPPLIED IN 20 AND 22 FOOT LAYING LENGTHS.

Nominal Pipe Size in. (mm)	A Outside Dia. Inches	B Bell Dia. Inches	C Approximate Bell Depth Inches	D Assembly Mark 1 Inches *	E Assembly Mark 2 Inches *	t	t	t
						C900 DR-14 105 psi Min Wall Inches	C900 DR-18 235 psi Min Wall Inches	C900 DR-25 335 psi Min Wall Inches
4" (100)	4.800	6-1/2"	6	4-1/4"	5-1/4"	0.343	0.267	0.192
6" (150)	6.900	9-1/4"	6.5	4-5/8"	5-5/8"	0.493	0.383	0.276
8" (200)	9.050	11-3/4"	7	5-1/8"	6-1/8"	0.646	0.503	0.362
10" (250)	11.100	14-1/4"	7.5	5-3/4"	6-3/4"	0.793	0.617	0.444
12" (300)	13.200	16-3/4"	8	6-1/8"	7-1/8"	0.943	0.733	0.528

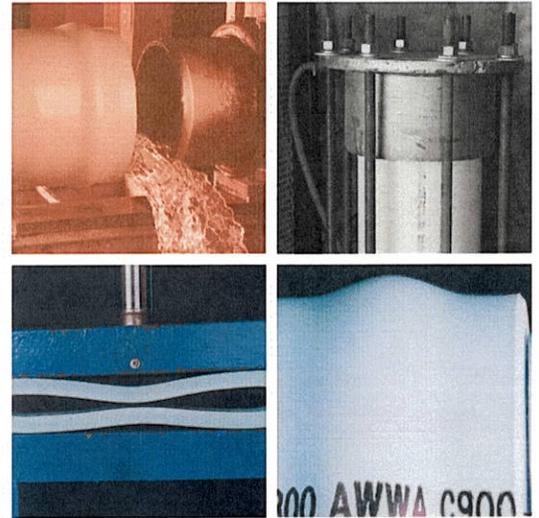
Prices are subject to a firm policy of "Price in effect at time of shipment on regular purchases"

"Possession of this page does not constitute an offer of sale"

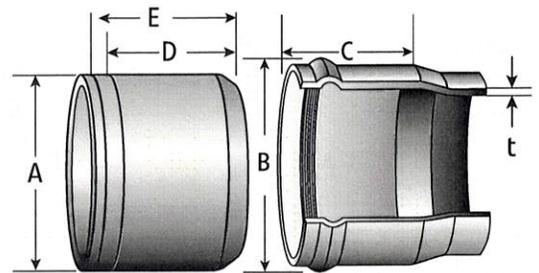
\*Tolerance of +/- 1/4" allowed

## EXTREME TESTING CONDITIONS

C900 PVC pressure pipe, available in pressure ratings for a wide range of water transfer applications (Available in sizes from 4" through 12")



## RIEBER JOINT ILLUSTRATION



Nominal Pipe Size in. (mm)	A Outside Diameter Inches	B Bell Diameter Inches	C Approximate Bell Depth: Inches	D Assembly Mark 1: Inches *	E Assembly Mark 2: Inches *	t Minimum Wall Thickness: Inches
<b>DR-51 PRESSURE CLASS 80 PSI</b>						
24" (600)	25.800	30"	15"	9-3/4"	10-3/4"	0.506
30" (750)	32.000	37"	17"	12-5/8"	13-5/8"	0.627
36" (900)	38.300	43-1/2"	17"	12-7/8"	13-7/8"	0.751
42" (1050)	44.500	51"	20"	15-3/4"	16-3/4"	0.872
48" (1200)	50.800	57-1/2"	20"	15-7/8"	16-7/8"	0.996
54" (1350)	57.560	65"	22"	16"	17"	1.129
60" (1500)	61.610	69-1/4"	23"	17-1/2"	18-1/2"	1.208
<b>DR-41 PRESSURE CLASS 100 PSI</b>						
20" (500)	21.600	25-3/4"	13"	9"	10"	0.527
24" (600)	25.800	30-1/2"	15"	9-3/4"	10-3/4"	0.629
30" (750)	32.000	37-1/4"	17"	12-5/8"	13-5/8"	0.780
36" (900)	38.300	44"	17"	12-7/8"	13-7/8"	0.934
42" (1050)	44.500	51-1/2"	20"	15-3/4"	16-3/4"	1.085
48" (1200)	50.800	58"	20"	15-7/8"	16-7/8"	1.239
54" (1350)	57.560	65-3/4"	22"	16"	17"	1.404
60" (1500)	61.610	70"	23"	17-1/2"	18-1/2"	1.503
<b>DR-32.5 PRESSURE CLASS 125 PSI</b>						
16" (400)	17.400	21"	11"	7-3/4"	8-3/4"	0.535
18" (450)	19.500	23-1/2"	12"	8-1/4"	9-1/4"	0.600
20" (500)	21.600	26"	13"	9"	10"	0.665
24" (600)	25.800	30-3/4"	15"	9-3/4"	10-3/4"	0.794
30" (750)	32.000	37-3/4"	17"	12-5/8"	13-5/8"	0.985
36" (900)	38.300	44-3/4"	17"	12-7/8"	13-7/8"	1.178
42" (1050)	44.500	52"	20"	15-3/4"	16-3/4"	1.369
48" (1200)	50.800	58-1/2"	20"	15-7/8"	16-7/8"	1.563
54" (1350)	57.560	66-1/2"	22"	16"	17"	1.771
60" (1500)	61.610	70-3/4"	23"	17-1/2"	18-1/2"	1.896
<b>DR-25 PRESSURE CLASS 165 PSI</b>						
14" (350)	15.300	18-3/4"	11"	6-7/8"	7-7/8"	0.612
16" (400)	17.400	21-1/4"	11"	7-3/4"	8-3/4"	0.696
18" (450)	19.500	23-1/4"	12"	8-1/4"	9-1/4"	0.780
20" (500)	21.600	26-1/4"	13"	9"	10"	0.864
24" (600)	25.800	31-1/4"	15"	9-3/4"	10-3/4"	1.032
30" (750)	32.000	38-1/4"	17"	12-5/8"	13-5/8"	1.280
36" (900)	38.300	45"	17"	12-7/8"	13-7/8"	1.532
42" (1050)	44.500	52-1/4"	20"	15-3/4"	16-3/4"	1.780
48" (1200)	50.800	59-1/2"	20"	15-7/8"	16-7/8"	2.032
54" (1350)	57.560	66-3/4"	22"	16"	17"	2.303
60" (1500)	61.610	72"	23"	17-1/2"	18-1/2"	2.465
<b>DR-21 PRESSURE CLASS 200 PSI</b>						
14" (350)	15.300	19"	11"	6-7/8"	7-7/8"	0.729
16" (400)	17.400	21-1/2"	11"	7-3/4"	8-3/4"	0.829
18" (450)	19.500	24"	12"	8-1/4"	9-1/4"	0.929
20" (500)	21.600	26-1/2"	13"	9"	10"	1.029
24" (600)	25.800	31-1/2"	15"	9-3/4"	10-3/4"	1.229
30" (750)	32.000	38-1/2"	17"	12-5/8"	13-5/8"	1.524
36" (900)	38.300	46-1/2"	17"	12-7/8"	13-7/8"	1.823
42" (1050)	44.500	53"	20"	15-3/4"	16-3/4"	2.119

Prices are subject to a firm policy of "Price in effect at time of shipment on regular purchases"  
 \*Possession of this page does not constitute an offer of sale" \*Tolerance of +/- 1/4" allowed

CONTINUED NEXT PAGE



C-900 Pipe Size	Outside Diameter (OD)	Bell Length (Inches)	Reference Mark (Inches)	<del>DR 25 (PC 165) Min. Walls</del>	<del>DR 18* (PC 235) Min. Walls</del>	<del>DR 14** (PC 310) Min. Walls</del>	<del>DR 25*** Approximate Bell Diameter (Inches)</del>	<del>DR 18*** Approximate Bell Diameter (Inches)</del>	<del>DR 14*** Approximate Bell Diameter (Inches)</del>
4"	4.800	5	4.5	<del>0.192</del>	<del>0.267</del>	<del>0.343</del>	<del>5.46</del>	<del>5.77</del>	<del>6.06</del>
6"	6.900	6.5	5.5	<del>0.276</del>	<del>0.383</del>	<del>0.493</del>	<del>7.91</del>	<del>8.33</del>	<del>8.76</del>
8"	9.050	7.5	6.5	<del>0.362</del>	<del>0.503</del>	<del>0.646</del>	<del>10.40</del>	<del>10.95</del>	<del>11.52</del>
10"	11.100	9	8	<del>0.444</del>	<del>0.617</del>	<del>0.793</del>	<del>12.77</del>	<del>13.45</del>	<del>14.17</del>
12"	13.200	9.5	8.75	<del>0.528</del>	<del>0.733</del>	<del>0.943</del>	<del>15.19</del>	<del>16.02</del>	<del>16.85</del>

Bell lengths and reference marks may vary up to +/- 1/8"  
 \* The DR18 line of pipe is Pressure Class 150 per Factory Mutual (FM) Standards  
 \*\* The DR14 line of pipe is Pressure Class 200 per Factory Mutual (FM) Standards  
 \*\*\* Bell diameters may vary due to the fluctuation of the walls





**AWWA C900/IB PVC Pressure Pipe GASKETED INTEGRAL BELL**

North American Pipe Corporation's AWWA C900 Gasketed Integral Bell PVC Pipe product line is manufactured to meet the needs of modern municipal water, wastewater, and reclaimed water systems. With top quality raw materials and modern processing technology, our C900 pipe meets all industry standards in addition to our own rigorous quality control requirements.

Our C900 pipe utilizes Rieber style gaskets throughout the entire product offering to create a leak-free joint.



Short Form Specification											
<b>Pipe Standard:</b>	AWWA C900-16										
<b>Diameter Std.:</b>	Cast Iron Outside Diameter (CIOD)										
<b>Nominal Sizes:</b>	4", 6", 8", 10", 12", 14", 16", 18", 20", 24", 30", 36"										
<b>Dimension Ratios &amp; Pressure Ratings:</b>	<table border="0"> <tr> <td>DR 51 – 80 psi</td> <td>DR 18 – 235 psi (185 psi)**</td> </tr> <tr> <td>DR 41 – 100 psi</td> <td>DR 14 – 305 psi (250 psi)**</td> </tr> <tr> <td>DR 32.5 – 125 psi</td> <td></td> </tr> <tr> <td>DR 25 – 165 psi</td> <td></td> </tr> <tr> <td>DR 21 – 200 psi</td> <td></td> </tr> </table>	DR 51 – 80 psi	DR 18 – 235 psi (185 psi)**	DR 41 – 100 psi	DR 14 – 305 psi (250 psi)**	DR 32.5 – 125 psi		DR 25 – 165 psi		DR 21 – 200 psi	
DR 51 – 80 psi	DR 18 – 235 psi (185 psi)**										
DR 41 – 100 psi	DR 14 – 305 psi (250 psi)**										
DR 32.5 – 125 psi											
DR 25 – 165 psi											
DR 21 – 200 psi											
<b>Lay Length:</b>	20' [6.1m]										
<b>Pipe Compound:</b>	ASTM D1784 Cell Class 12454										
<b>Pipe Joint Std.:</b>	ASTM D3139										
<b>Max. Angular Joint Deflection:‡</b>	1°										
<b>Gasket Standard:</b>	ASTM F477, UL 157										
<b>Gasket Material Offerings:</b>	Standard – SBR Optional – NBR or EPDM										
<b>Installation Std.:</b>	AWWA C605										

Applications	Potable Water	Waste-water	Reclaimed Water
<b>Color:</b>	Blue	Green	Purple
<b>Certifications:*</b>	NSF 14 NSF 61 CSA B137.3 UL 1285 FM 1612**	CSA B137.3	CSA B137.3

\*See Certification Letter for full explanation and list of exceptions.  
 \*\*FM 1612 calculates pressure ratings differently than AWWA for 4"-12" only with DR 18 as 185 psi and DR 14 as 250 psi.  
 ‡See Installation Guide for more information.



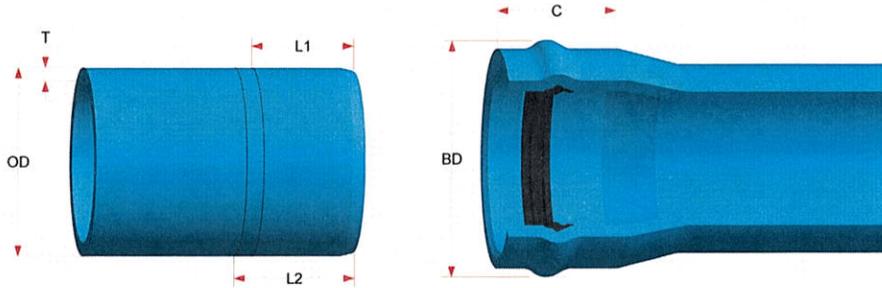
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**AWWA C900/IB PVC Pressure Pipe  
GASKETED INTEGRAL BELL**



**C900/IB PIPE DIMENSIONS & PERFORMANCE**

Nom. Size	Outside Diameter (OD)	DR	Pressure Class psi [kPa]	Min. Wall Thickness (T)	Internal Diameter (ID)	Approx. Bell Diameter (BD)	Bell Depth (C)	1 <sup>st</sup> Insertion Mark (L1)	2 <sup>nd</sup> Insertion Mark (L2)
4"	4.800	25	165	0.192	4.416	6.250	5.000	3.375	4.375
		18	235	0.267	4.266				
		14	305	0.343	4.114				
6"	6.900	25	165	0.276	6.348	8.625	5.750	4.625	5.625
		18	235	0.383	6.134				
		14	305	0.493	5.914				
8"	9.050	25	165	0.362	8.326	11.500	7.000	5.625	6.625
		18	235	0.503	8.044				
		14	305	0.646	7.758				
10"	11.100	25	165	0.444	10.212	14.000	7.250	6.125	7.125
		18	235	0.617	9.866				
		14	305	0.793	9.514				
12"	13.200	25	165	0.528	12.144	16.563	8.000	6.875	7.875
		18	235	0.733	11.734				
		14	305	0.943	11.314				
14" [350mm]	15.300 [388.6]	32.5	125 [860]	0.471 [12.0]	14.358 [364.7]	19.063 [484.2]	9.000 [228.6]	7.500 [190.5]	8.500 [215.9]
		25	165 [1150]	0.612 [15.6]	14.076 [357.5]				
		21	200	0.729	13.842				
		18	235 [1620]	0.850 [21.6]	13.600 [345.4]				
		14	305	1.093	13.114				
16" [400mm]	17.400 [442.0]	41	100	0.424	16.552	21.750 [552.5]	10.000 [254.0]	8.500 [215.9]	9.500 [241.3]
		32.5	125 [860]	0.535 [13.6]	16.330 [414.8]				
		25	165 [1150]	0.696 [17.7]	16.008 [406.6]				
		21	200	0.829	15.742				
		18	235 [1620]	0.967 [24.6]	15.466 [392.8]				
		14	305	1.243	14.914				


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Nom. Size	Outside Diameter (OD)	DR	Pressure Class psi [kPa]	Min. Wall Thickness (T)	Internal Diameter (ID)	Approx. Bell Diameter (BD)	Bell Depth (C)	1 <sup>st</sup> Insertion Mark (L1)	2 <sup>nd</sup> Insertion Mark (L2)
<b>18"</b> [450mm]	19.500 [459.3]	41	100	0.476	18.548	23.563 [598.5]	10.375 [263.5]	8.875 [225.4]	9.875 [250.8]
		32.5	125 [860]	0.600 [15.2]	18.300 [464.8]				
		25	165 [1150]	0.780 [19.8]	17.940 [455.7]				
		21	200	0.929	17.642				
		18	235 [1620]	1.083 [27.5]	17.334 [440.3]				
<b>20"</b> [500mm]	21.600 [548.6]	32.5	125 [860]	0.665 [16.9]	20.270 [514.9]	26.063 [662.0]	11.000 [279.4]	9.500 [241.3]	10.500 [266.7]
		25	165 [1150]	0.864 [22.0]	19.872 [504.7]				
		21	200	1.029	19.542				
		18	235 [1620]	1.200 [30.5]	19.200 [487.7]				
<b>24"</b> [600mm]	25.800 [655.3]	41	100	0.629	24.542	31.063 [789.0]	13.000 [330.2]	11.500 [292.1]	12.500 [317.5]
		32.5	125 [860]	0.794 [20.2]	24.212 [615.0]				
		25	165 [1150]	1.032 [26.2]	23.736 [602.9]				
		21	200	1.229	23.342				
		18	235 [1620]	1.433 [36.4]	22.934 [582.5]				
<b>30"</b>	32.000	51	80	0.627	30.746	37.500	15.125	13.625	14.625
		41	100	0.780	30.440				
		32.5	125	0.985	30.030				
		25	165	1.280	29.440				
		21	200	1.524	28.952				
<b>36"</b>	38.300	51	80	0.751	36.798	44.500	19.125	17.625	18.625
		41	100	0.934	36.432				
		32.5	125	1.178	35.944				
		25	165	1.532	35.236				
		21	200	1.824	34.652				

**Notes:**

1. These dimensions are for estimating purposes only. All dimensions not in brackets are in inches unless otherwise specified.
2. Products certified to CSA B137.3 have dimensions in brackets in millimeters unless otherwise specified.
3. DR = Dimension Ratio
4. AWWA and CSA Pressure Class @ 73°F [23°C] which includes a 2:1 safety factor.
5. Internal diameter calculated using nominal outside diameter and minimum wall thickness.
6. Dimension given for Approx. Bell Diameter (BD) is for highest pressure class.