



► ANSI/AWWA C900 WATER DISTRIBUTION PIPE | Pipe Specifications (4" - 12")

Northern Pipe Products PVC ANSI/AWWA C900 PVC Pressure Pipe is manufactured from compounds conforming to cell classification of 12454 as defined in ASTM D1784. The pipe meets the requirements of the ANSI/AWWA C900 standard specification for polyvinyl chloride water distribution pipe. The integral bell joint system meets the requirements of ASTM D3139 and utilizes an elastomeric seal meeting the specification defined in ASTM F477.

Northern Pipe Products ANSI/AWWA C900 pressure pipe for potable water carries:

- NSF Standard 14 and NSF Standard 61 listings (marked "NSF-PW-G")
- Certification under NSF/ANSI 327 Annex G "lead-free" (marked "NSF-PW-G")
- Underwriters Laboratories Inc. Standard 1285 mark of acceptance
- Canadian Standards Association Standard B137.3 mark of acceptance

ANSI/AWWA C900 (4" - 12") DR-18 and DR-14 distribution pipe carries the Factory Mutual Research Water Distribution Pipe for Underground Fire Protection Service mark of acceptance.

The pipe is furnished in 20' laying lengths.

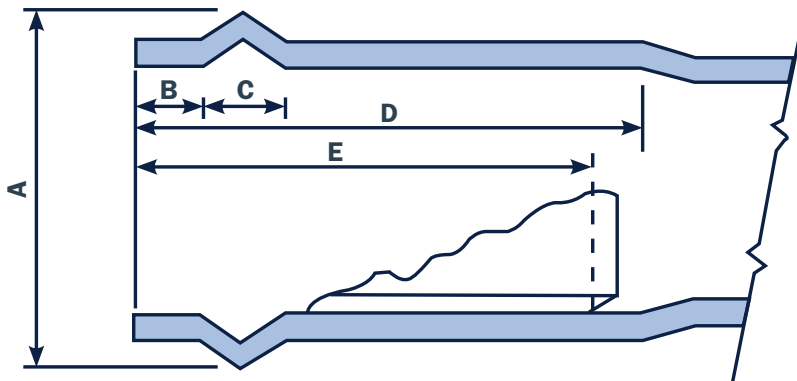
► ANSI/AWWA C900 | Cell Classification 12454

NOMINAL PIPE SIZE (IN.)	PIPE OUTSIDE DIAMETER (IN.)	DR-25 (165 PSI)		DR-18 (235 PSI)		DR-14 (305 PSI)	
		MINIMUM WALL (IN.)	POUNDS PER FOOT	MINIMUM WALL (IN.)	POUNDS PER FOOT	MINIMUM WALL (IN.)	POUNDS PER FOOT
4"	4.80"	.192"	1.87 lbs.	.267"	2.55 lbs.	.343"	3.22 lbs.
6"	6.90"	.276"	3.90 lbs.	.383"	5.29 lbs.	.493"	6.70 lbs.
8"	9.05"	.362"	6.69 lbs.	.503"	9.15 lbs.	.646"	11.55 lbs.
10"	11.10"	.444"	10.11 lbs.	.617"	13.82 lbs.	.793"	17.46 lbs.
12"	13.20"	.528"	14.32 lbs.	.733"	19.56 lbs.	.943"	24.75 lbs.

► ANSI/AWWA C900 WATER DISTRIBUTION PIPE | Gasketed Joint Specifications (4" - 12")

Northern Pipe Products PVC gasketed ANSI/AWWA C900 PVC potable water distribution pipe is manufactured with gasketed joints conforming to the specifications of ASTM D3139. The gaskets are manufactured to conform to the requirements of ASTM F477. Northern Pipe Products employs the Rieber Gasket System. The Rieber joining system is a factory made “locked-in” flexible elastomeric seal. The gasket is installed in the bell race during the manufacture of the joint. It should not be removed for any reason, as destruction of the joint will occur.

► LOCKED-IN GASKET JOINT



- A. Gasket Groove (Race) Outside Diameter
- B. Lip Length
- C. Gasket Groove (Race) Length
- D. Overall Joint
- E. Spigot Insertion Depth

NOMINAL PIPE SIZE (IN.)	DIMENSIONS (IN.)				
	(A) GASKET GROOVE (RACE) OUTSIDE DIAMETER	(B) LIP LENGTH	(C) GASKET GROOVE (RACE) LENGTH	(D) OVERALL JOINT	(E) SPIGOT INSERTION DEPTH
4"	6.50"	1.500"	1.125"	6.000"	5.000"
6"	9.00"	1.750"	1.250"	6.500"	5.500"
8"	11.50"	2.000"	1.500"	7.500"	6.500"
10"	14.00"	2.500"	1.750"	8.750"	7.750"
12"	16.50"	3.000"	1.875"	9.750"	8.750"



► **ANSI/AWWA C900 WATER TRANSMISSION PIPE** | Pipe Specifications (14" - 24") *(Previously C905)*

Northern Pipe Products PVC ANSI/AWWA C900 PVC Water Transmission Pipe is manufactured from compounds conforming to cell classification of 12454 as defined in ASTM D1784. The pipe meets the requirements of the ANSI/AWWA C900 standard specification for polyvinyl chloride water transmission pipe. The integral bell joint system meets the requirements of ASTM D3139 and utilizes an elastomeric seal meeting the specification defined in ASTM F477.

Northern Pipe Products ANSI/AWWA C900 pressure pipe for potable water carries:

- NSF Standard 14 and NSF Standard 61 listings (marked "NSF-PW-G")
- Certification under NSF/ANSI 327 Annex G "lead-free" (marked "NSF-PW-G")
- Underwriters Laboratories Inc. Standard 1285 mark of acceptance
- Canadian Standards Association Standard B137.3 mark of acceptance

14" and 16" diameter DR-25 and DR-18 transmission pipe carries the Factory Mutual Research Water Distribution Pipe for Underground Fire Protection Service mark of acceptance.

The pipe is furnished in 20' laying lengths.

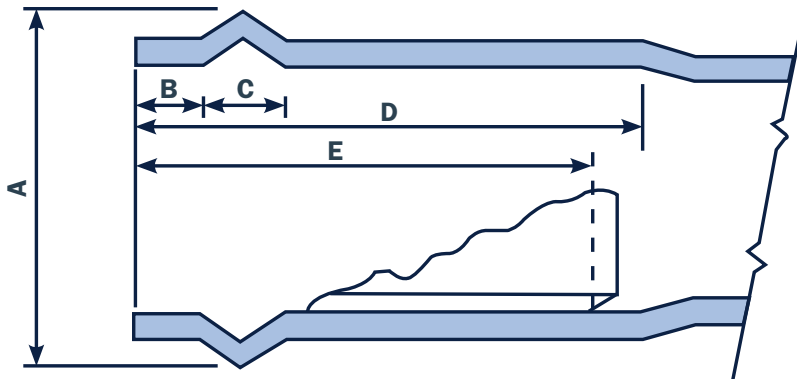
► **ANSI/AWWA C900** | Cell Classification 12454

NOMINAL PIPE SIZE (IN.)	PIPE OUTSIDE DIAMETER (IN.)	DR-25 (165 PSI)		DR-21 (200 PSI)		DR-18 (235 PSI)		DR-14 (305 PSI)	
		MINIMUM WALL (IN.)	POUNDS PER FOOT	MINIMUM WALL (IN.)	POUNDS PER FOOT	MINIMUM WALL (IN.)	POUNDS PER FOOT	MINIMUM WALL (IN.)	POUNDS PER FOOT
14"	15.30"	.612"	19.35 lbs.	.729"	22.90 lbs.	.850"	26.50 lbs.	1.093"	33.70 lbs.
16"	17.40"	.696"	25.20 lbs.	.829"	29.70 lbs.	.967"	34.50 lbs.	1.243"	43.70 lbs.
18"	19.50"	.780"	31.65 lbs.	.929"	37.50 lbs.	1.083"	43.40 lbs.	1.393"	54.90 lbs.
20"	21.60"	.864"	39.00 lbs.	1.029"	46.10 lbs.	1.200"	53.50 lbs.	1.543"	67.65 lbs.
24"	25.80"	1.032"	56.00 lbs.	1.229"	65.60 lbs.	1.433"	76.50 lbs.	N/A	N/A

► ANSI/AWWA C900 WATER TRANSMISSION PIPE | Gasketed Joint Specifications (14" - 24")

Northern Pipe Products PVC gasketed ANSI/AWWA C900 PVC water transmission pipe is manufactured with gasketed joints conforming to the specifications of ASTM D3139. The rubber gaskets are manufactured to conform to the requirements of ASTM F477. Northern Pipe Products employs the Rieber Gasket System. The Rieber joining system is a factory made “locked-in” flexible elastomeric seal. The gasket is installed in the bell race during the manufacture of the joint. It should not be removed for any reason, as destruction of the joint will occur.

► LOCKED-IN GASKET JOINT



- A. Gasket Groove (Race) Outside Diameter
- B. Lip Length
- C. Gasket Groove (Race) Length
- D. Overall Joint
- E. Spigot Insertion Depth

NOMINAL PIPE SIZE (IN.)	DIMENSIONS (IN.)				
	(A) GASKET GROOVE (RACE) OUTSIDE DIAMETER	(B) LIP LENGTH	(C) GASKET GROOVE (RACE) LENGTH	(D) OVERALL JOINT	(E) SPIGOT INSERTION DEPTH
14"	18.25"	3.00"	2.00"	10.00"	9.00"
16"	20.50"	3.00"	2.25"	10.00"	9.00"
18"	23.25"	3.50"	2.44"	11.25"	10.25"
20"	25.60"	3.50"	2.70"	11.25"	10.25"
24"	30.25"	3.50"	3.00"	11.25"	10.25"



► **C900** | Truckload Data

NOMINAL PIPE SIZE (IN.)	PIPE OUTSIDE DIAMETER (IN.)	FEET PER PALLET	PIECES PER PALLET	FEET PER TRUCKLOAD
4"	4.80"	580'	29 pcs.	16,240'
6"	6.90"	560'	28 pcs.	6,720'
8"	9.05"	200'	10 pcs.	4,000'
10"	11.10"	240'	12 pcs.	2,880'
12"	13.20"	120'/160'	6 pcs./8 pcs.	1,960'
14"	15.30"	120'	6 pcs.	1,440'
16"	17.40"	40'/60'	2 pcs./3 pcs.	1,000'
18"	19.50"	60'/80'	3 pcs./4 pcs.	800'
20"	21.60"	80'	4 pcs.	640'
24"	25.80"	60'	3 pcs.	360'