

PVC SDR 21 Pipe

Product Data Sheet PVC-SDR-21-PIPE-225
Effective February 13, 2025
Supersedes Product Data Sheet
PVC-SDR-21-PIPE-124

Possession of this product data sheet shall not be construed as an offer to sell the products listed.
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>> PVC SDR 21 Pipe

ASTM D 2241 & CSA B 137.3

PR 200	PVC 1120	BELL END	ASTM D 2241				SDR 21	
PART NO.	NOM. SIZE	UPC # 611942-	QTY. PER SKID	AVG. OD (IN.)	MIN. WALL (IN.)	MAX WORK PRESSURE AT 23° C OR 73° F	BELL DEPTH (IN.)	WT. PER 100 FT. (LBS.)
PVC 23155B*	*1½"x20'	03991	9000'	.840	.062	315 PSI	2.00	10.0
PVC 20007B	¾"x10'	10742	3500'	1.050	.060	200 PSI	2.25	12.7
PVC 20007B	¾"x20'	03984	7000'	1.050	.060	200 PSI	2.25	12.7
PVC 20010B	1"x20'	03986	6000'	1.315	.063	200 PSI	2.50	16.9
PVC 20012B	1¼"x20'	03987	4000'	1.660	.079	200 PSI	2.75	25.5
PVC 20015B	1½"x20'	03988	3300'	1.900	.090	200 PSI	3.00	32.4
PVC 20020B	2"x20'	03989	2220'	2.375	.113	200 PSI	4.00	50.8
PVC 20025B	2½"x20'	12976	1460'	2.875	.137	200 PSI	4.00	75.7
PVC 20030B	3"x20'	12977	1000'	3.500	.167	200 PSI	4.00	112.4
PVC 20040B	4"x20'	12978	1340'	4.500	.214	200 PSI	4.00	185.2
PVC 20060B	6"x20'	12979	660'	6.625	.316	200 PSI	6.00	402.6

*PR 315 / SDR 13.5 (Not CSA Listed)

All products manufactured by Charlotte Pipe and Foundry Company are proudly made in the U.S.A.



You can't beat the system.®

WARNING

Testing with or use of compressed air or gas in ABS / CPVC / PVC / Cast Iron pipe or fittings can result in explosive failures and cause severe injury or death.

AIR/GAS

- NEVER test with or transport/store compressed air or gas in ABS / CPVC / PVC / Cast Iron pipe or fittings.
- NEVER test ABS / CPVC / PVC / Cast Iron pipe or fittings with compressed air or gas, or air over water boosters.
- ONLY use ABS / CPVC / PVC / Cast Iron pipe or fittings for water or approved chemicals.
- Refer to warnings on PPFA's website and ASTM D 1785.

TERMS AND CONDITIONS OF SALE

Terms and Conditions of Sale can be found at https://charlottepipe.com/terms_and_conditions.aspx

LIMITED WARRANTY

Charlotte Pipe and Foundry Company® (Charlotte Pipe®) Products are warranted to be free from manufacturing defects and to conform to currently applicable ASTM standards for a period of five (5) years from date of delivery. Buyer's remedy for breach of this warranty is limited to replacement of, or credit for, the defective product. This warranty excludes any expense for removal or reinstallation of any product and any other incidental, consequential, or punitive damages. **This limited warranty is the only warranty made by seller and is expressly in lieu of all other warranties, express and implied, including any warranties of merchantability and fitness for a particular purpose.** No statement, conduct or description by Charlotte Pipe or its representative, in addition to or beyond this Limited Warranty, shall constitute a warranty. This Limited Warranty may only be modified in writing signed by an officer of Charlotte Pipe.

This Limited Warranty will not apply if:

- 1) The Products are used for purposes other than their intended purpose as defined by local plumbing and building codes, and the applicable ASTM standard.
- 2) The Products are not installed in good and workmanlike manner consistent with normal industry standards; installed in compliance with the latest instructions published by Charlotte Pipe and good plumbing practices; and installed in conformance with all applicable plumbing, fire and building code requirements.
- 3) This limited warranty does not apply when the products of Charlotte Pipe are used with the products of other manufacturers that do not meet the applicable ASTM or CISPI standards or that are not marked in a manner to indicate the entity that manufactured them.
- 4) In hubless cast iron installations, this warranty will not apply if products are joined with unshielded hubless couplings. Charlotte Pipe requires that its hubless cast iron pipe and fittings be joined only with shielded hubless couplings manufactured in accordance with CISPI 310, ASTM C 1277 and certified by NSF® International or with Heavy Duty Couplings meeting ASTM C 1540.
- 5) The Products fail due to defects or deficiencies in design, engineering, or installation of the piping system of which they are a part.
- 6) The Products have been the subject of modification; misuse; misapplication; improper maintenance or repair; damage caused by the fault or negligence of anyone other than Charlotte Pipe; or any other act or event beyond the control of Charlotte Pipe.
- 7) The Products fail due to the freezing of water in the Products.
- 8) The Products fail due to contact with chemical agents, fire stopping materials, thread sealant, plasticized vinyl products, or other aggressive chemical agents that are not compatible.
- 9) Pipe outlets, sound attenuation systems or other devices are permanently attached to the surface of Charlotte® PVC, ABS or CPVC products with solvent cement or adhesive glue.

Charlotte Pipe products are manufactured to the applicable ASTM or CISPI standard. Charlotte Pipe and Foundry **cannot** accept responsibility for the performance, dimensional accuracy, or compatibility of pipe, fittings, gaskets, or couplings not manufactured or sold by Charlotte Pipe and Foundry.

This Limited Warranty will not apply unless written notice of a claim is mailed to Charlotte Pipe at the address below within 30 days of discovery of the allegedly defective product.

Any Charlotte Pipe products alleged to be defective **must** be made available to Charlotte Pipe at the following address for verification, inspection and determination of cause:

Charlotte Pipe and Foundry Company
Attention: Technical Services
2109 Randolph Road
Charlotte, North Carolina 28207

Purchaser must obtain a return materials authorization and instructions for return shipment to Charlotte Pipe of any product claimed defective or shipped in error.

Any Charlotte Pipe product **proved** to be defective in manufacture will be replaced F.O.B. point of original delivery, or credit will be issued, at the discretion of Charlotte Pipe.

5/19/23

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