

PVC Schedule 80 Pipe

Product Data Sheet PVC-80-PIPE-821
Effective August 11, 2021
Supersedes Product Data Sheet
PVC-80-PIPE-1020

Possession of this product data sheet shall not be construed as an offer to sell the products listed.
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>> PVC Schedule 80 Pipe, Type 1, Grade 1 - Plain End

ASTM D 1784 & ASTM D 1785

PVC SCHEDULE 80 (GRAY)			PLAIN END			PVC 1120	
PART NO.	NOM. SIZE	UPC # 611942-	QTY. PER SKID	AVG. OD (IN.)	MIN. WALL (IN.)	MAX WORK PRESSURE AT 23° C OR 73° F	WT. PER 100 FT. (LBS.)
PVC 10002	¼"x20'	04920	15140'	0.540	.119	1130 PSI	10.0
PVC 10003	⅜"x20'	04917	9360'	0.675	.126	920 PSI	13.8
PVC 10005	½"x20'	03968	9000'	0.840	.147	850 PSI	20.3
PVC 10007	¾"x20'	03969	7000'	1.050	.154	690 PSI	27.5
PVC 10010	1"x20'	03970	3540'	1.315	.179	630 PSI	40.5
PVC 10012	1¼"x20'	03973	4240'	1.660	.191	520 PSI	55.9
PVC 10015	1½"x20'	03976	3300'	1.900	.200	470 PSI	67.7
PVC 10020	2"x20'	03977	2220'	2.375	.218	400 PSI	93.6
PVC 10025	2½"x20'	03978	1460'	2.875	.276	420 PSI	142.8
PVC 10030	3"x20'	03979	1000'	3.500	.300	370 PSI	194.2
PVC 10040	4"x20'	03980	1140'	4.500	.337	320 PSI	279.3
PVC 10050	5"x20'	04831	760'	5.563	.375	290 PSI	387.3
PVC 10060	6"x20'	03981	520'	6.625	.432	280 PSI	532.7
PVC 10080	8"x20'	04175	280'	8.625	.500	250 PSI	808.9
PVC 10100	10"x20'	04768	160'	10.750	.593	230 PSI	1199.3
PVC 10120	12"x20'	04770	120'	12.750	.687	230 PSI	1650.1
PVC 10140	14"x20'	04816	60'	14.000	.750	220 PSI	1930.0
PVC 10160	16"x20'	04919	60'	16.000	.843	220 PSI	2544.1

Full pallets are polyethylene wrapped for cleanliness and UV protection.

NSF Listed. Meets All Requirements of ASTM D 1784
and ASTM D 1785.

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 PPA's website and ASTM D 1785.

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>> PVC Schedule 80 Pipe, Type 1, Grade 1 - Belled End

ASTM D 1784 & ASTM D 1785

PVC SCHEDULE 80 (GRAY)			BELLED-END			PVC 1120	
PART NO.	NOM. SIZE	UPC # 611942-	QTY. PER SKID	AVG. OD (IN.)	MIN. WALL (IN.)	MAX WORK PRESSURE AT 23° C OR 73° F	WT. PER 100 FT. (LBS.)
PVC 10005B	½"x20'	04924	9000'	0.840	.147	850 PSI	20.3
PVC 10007B	¾"x20'	04925	7000'	1.050	.154	690 PSI	27.0
PVC 10010B	1"x20'	04926	3540'	1.315	.179	630 PSI	40.5
PVC 10012B	1¼"x20'	04927	4240'	1.660	.191	520 PSI	55.9
PVC 10015B	1½"x20'	04928	3300'	1.900	.200	470 PSI	67.7
PVC 10020B	2"x20'	04764	2220'	2.375	.218	400 PSI	93.6
PVC 10025B	2½"x20'	04875	1460'	2.875	.276	420 PSI	142.8
PVC 10030B	3"x20'	04776	1000'	3.500	.300	370 PSI	191.1
PVC 10040B	4"x20'	04774	1140'	4.500	.337	320 PSI	279.3
PVC 10060B	6"x20'	04763	520'	6.625	.432	280 PSI	532.7
PVC 10080B	8"x20'	04766	200'	8.625	.500	250 PSI	808.9
PVC 10100B	10"x20'	04769	160'	10.750	.593	230 PSI	1199.3
PVC 10120B	12"x20'	04771	120'	12.750	.687	230 PSI	1650.1
PVC 10140B	14"x20'	04832	60'	14.000	.750	220 PSI	1930.0
PVC 10160B	16"x20'	09372	60'	16.000	.843	220 PSI	2544.1

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- 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 defective 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.

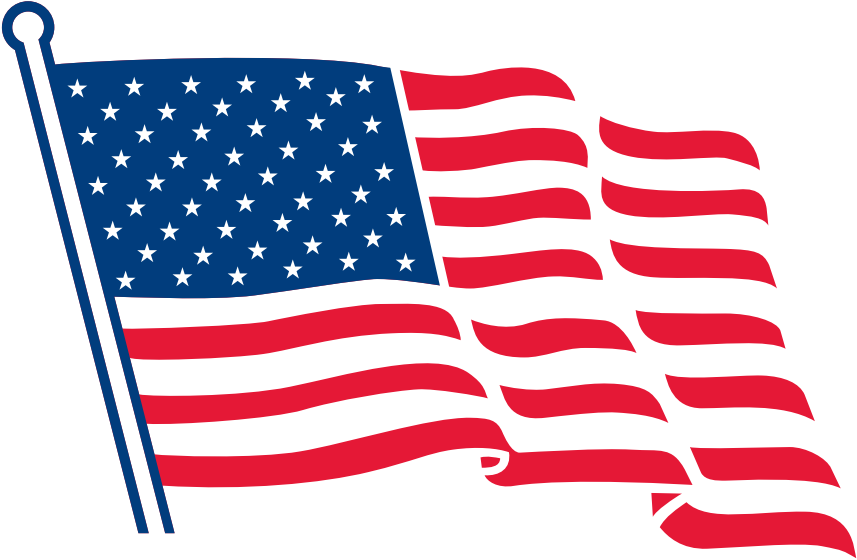
4/20/21

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CHARLOTTE

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