

SCHEDULE SERIES

PRESSURE-RATED PVC PIPE



ASTM D1785,
ASTM D1784 Cell Class 12454,
ANSI/NSF 61/14, Uniform Plumbing Code



MARKETS

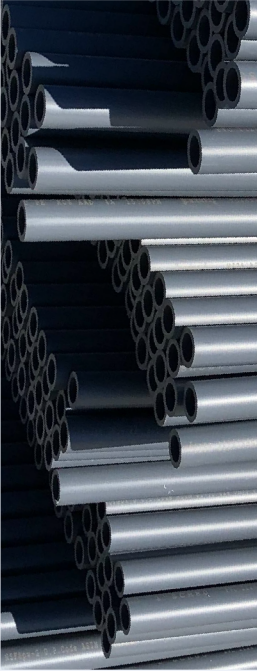
 IRRIGATION

 RECLAIM

 PLUMBING

 DRAIN, WASTE AND VENT

DESCRIPTION



SOLVENT WELD - SCH SERIES		PIPE SIZES	PIPE COLOR
Nominal Laying Length: 20 feet		1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 6", 8", 10", 12"	Schedule 80: GREY
(Laying length tolerances are in accordance with ASTM standards)			

ASTM D1785		ASTM D1785	
Schedule 80		Schedule 80	
1/2"	850 psi	3"	370 psi
3/4"	690 psi	4"	320 psi
1"	630 psi	6"	280 psi
1 1/4"	520 psi	8"	250 psi
1 1/2"	470 psi	10"	230 psi
2"	400 psi	12"	230 psi
2 1/2"	420 psi		



BENEFITS

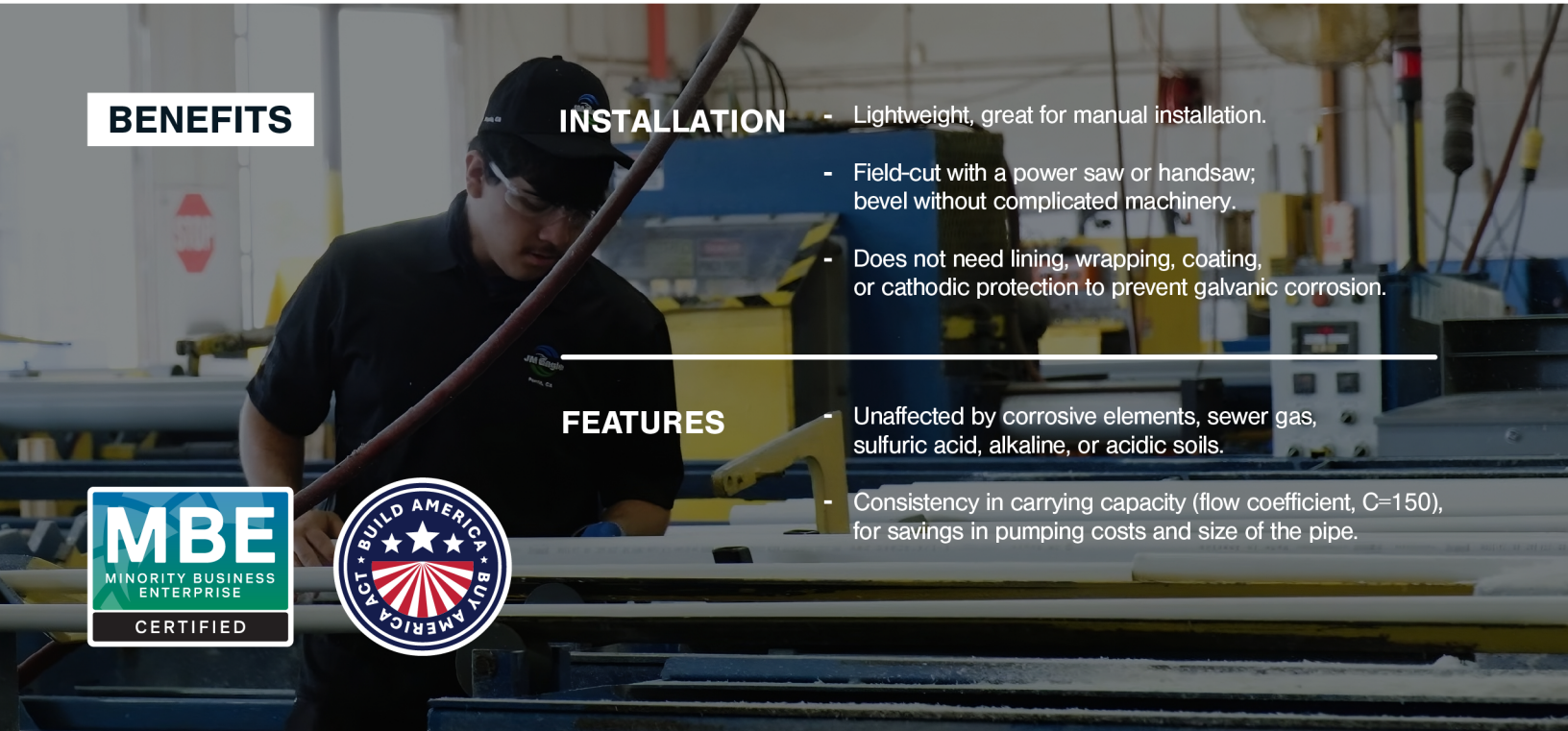
INSTALLATION

- Lightweight, great for manual installation.
- Field-cut with a power saw or handsaw; bevel without complicated machinery.
- Does not need lining, wrapping, coating, or cathodic protection to prevent galvanic corrosion.

FEATURES

- Unaffected by corrosive elements, sewer gas, sulfuric acid, alkaline, or acidic soils.
- Consistency in carrying capacity (flow coefficient, C=150), for savings in pumping costs and size of the pipe.





SCHEDULE SERIES

PRESSURE-RATED PVC PIPE



SUBMITTAL AND DATA SHEET

SCHEDULE 80

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)	PRESSURE RATING (PSI)	APPROX.WGT (LBS/FT)	PIPE STIFFNESS (PSI)
Schedule 80						
1/2	0.840	0.528	0.147	850	0.207	17053
3/4	1.050	0.724	0.154	690	0.281	9072
1	1.315	0.936	0.179	630	0.414	6990
1 1/4	1.660	1.255	0.191	520	0.576	3927
1 1/2	1.900	1.476	0.200	470	0.698	2909
2	2.375	1.913	0.218	400	0.966	1844
2 1/2	2.875	2.290	0.276	420	1.472	2140
3	3.500	2.864	0.300	370	1.972	1472
4	4.500	3.786	0.337	320	2.882	948
6	6.625	5.709	0.432	280	5.496	606
8	8.625	7.565	0.500	250	8.346	416
10	10.750	9.493	0.593	230	12.374	356
12	12.750	11.294	0.687	230	17.026	330

PRODUCT STANDARD

ASTM D1785

PIPE COMPOUND

ASTM D1784 Cell Class 12454

INSTALLATION

JM Eagle™ Solvent Weld
Installation Guide.

Manning Coefficient (n) = 0.009
Hazen-Williams Coefficient (c) = 150

CERTIFICATION

ANSI/NSF 61, ANSI/NSF 14,
Uniform Plumbing Code

PIPE END FINISH

Plain End

NOMINAL LAYING LENGTH

20 feet

(Laying length tolerances are
in accordance with ASTM
standards.)

Water pressure rating measured
at 23°C (73°F)



**SCAN HERE FOR
THE SOLVENT WELD
INSTALLATION GUIDE**

