

ASTM D1785, ASTM D2665,
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

Nominal Laying Length:
10/20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

1/2", 3/4", 1", 1 1/4", 1 1/2",
2", 2 1/2", 3", 4", 5", 6",
8", 10", 12", 14", 16"

PIPE COLOR

Schedule 40:
WHITE
PURPLE*

(Marked for Reclaim only)*

ASTM D1785		ASTM D1785	
Schedule 40		Schedule 40	
1/2"	600 psi	3 1/2"	240 psi
3/4"	480 psi	4"	220 psi
1"	450 psi	5"	190 psi
1 1/4"	370 psi	6"	180 psi
1 1/2"	330 psi	8"	160 psi
2"	280 psi	10"	140 psi
2 1/2"	300 psi	12-16"	130 psi
3"	260 psi		



BENEFITS

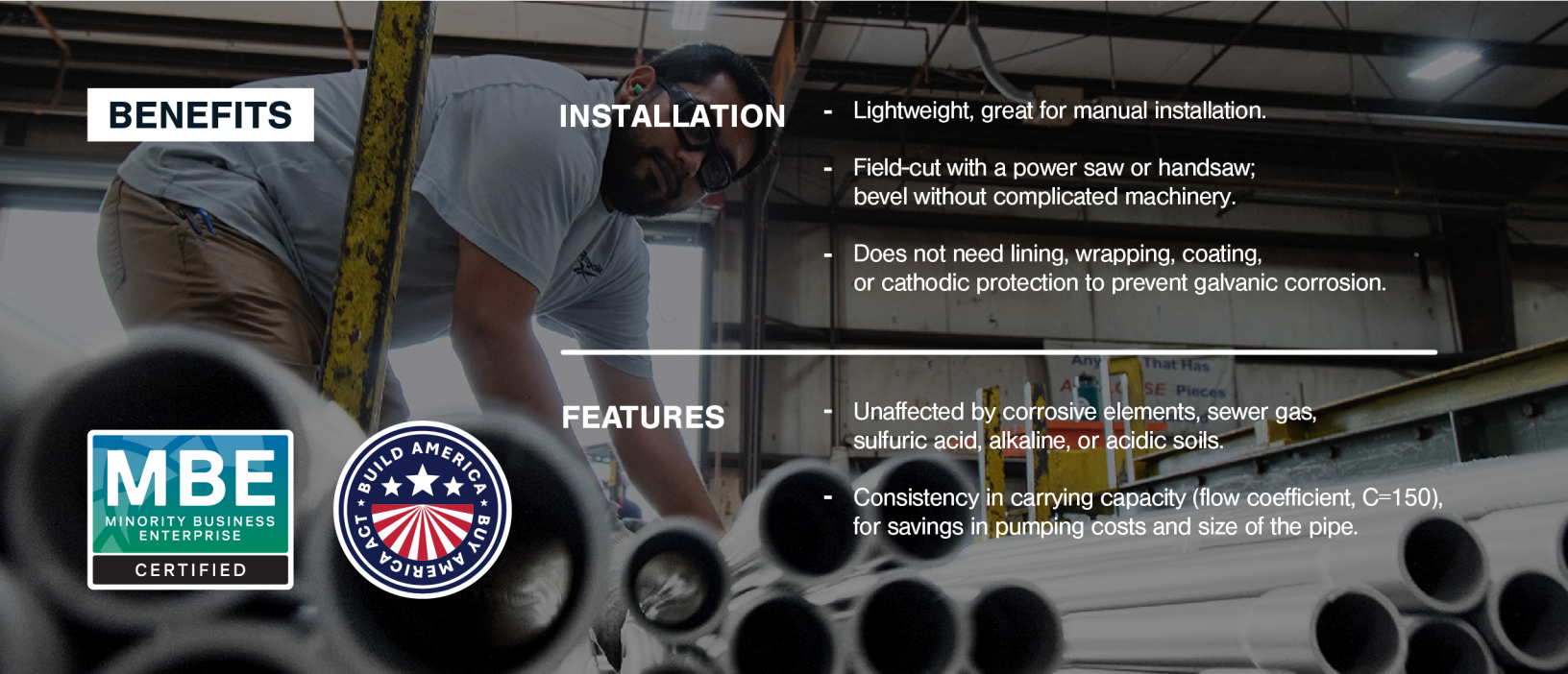
INSTALLATION

- 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.





SUBMITTAL AND DATA SHEET

SCHEDULE 40

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 40						
1/2	0.840	0.609	0.109	600	0.164	5923
3/4	1.050	0.810	0.113	480	0.218	3134
1	1.315	1.033	0.133	450	0.324	2545
1 1/4	1.660	1.363	0.140	370	0.439	1396
1 1/2	1.900	1.593	0.145	330	0.525	1008
2	2.375	2.049	0.154	280	0.705	596
2 1/2	2.875	2.445	0.203	300	1.114	783
3	3.500	3.042	0.216	260	1.463	508
4	4.500	3.998	0.237	220	2.085	307
6	6.625	6.031	0.280	180	3.665	154
8	8.625	7.942	0.322	160	5.519	104
10	10.750	9.976	0.365	140	7.787	78
12	12.750	11.889	0.406	130	10.296	64
14	14.000	13.073	0.437	130	12.185	60
16	16.000	14.940	0.500	130	15.933	60

PRODUCT STANDARD

ASTM D1785, ASTM D2665

PIPE COMPOUND

ASTM D1784 Cell Class 12454

INSTALLATION

JM Eagle™ Solvent Weld Installation Guide.

CERTIFICATION

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

PIPE END FINISH

Bell End*, Plain End

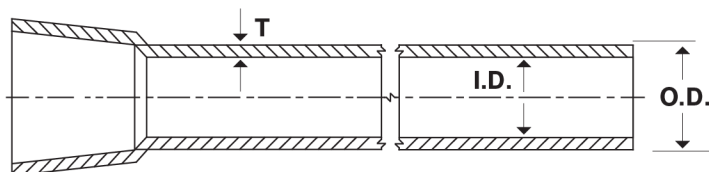
NOMINAL LAYING LENGTH

10/20 feet

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

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

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



T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter

