



## ▶ ASTM F480 WELL CASING PIPE | Pipe Specifications

Northern Pipe Products PVC pressure rated water well casing pipe is manufactured from compounds conforming to requirements of ASTM F480 in accordance with ASTM D1784 with cell classification 12454. The belled end pressure pipe meets or exceeds specification ASTM F480 and is available in sizes 2" through 16". Northern Pipe Products well casing pipe carries the NSF mark of acceptance and is manufactured in 20' lengths.

## ▶ ASTM F480 WELL CASING PIPE | SDR-26

NOMINAL PIPE SIZE (IN.)	PIPE OUTSIDE DIAMETER (IN.)	PIPE INSIDE DIAMETER (IN.)	MINIMUM WALL (IN.)	MAXIMUM BURY DEPTH (FT.)	SOCKET DEPTH (IN.)	FEET PER PALLET	POUNDS PER FOOT
4"	4.500"	4.154"	.173"	120'	6.0"	580'	1.580 lbs.
4.5"	4.950"	4.570"	.190"	120'	6.0"	580'	1.900 lbs.
5"	5.563"	5.135"	.214"	120'	7.0"	460'	2.420 lbs.
6"	6.625"	6.115"	.255"	120'	6.5"	400'	3.440 lbs.
8"	8.625"	7.961"	.332"	120'	7.0"	200'	5.840 lbs.
10"	10.750"	9.924"	.413"	120'	7.5"	240'	9.060 lbs.
12"	12.750"	11.770"	.490"	120'	8.5"	160'	12.800 lbs.
14"	14.000"	12.924"	.538"	120'	8.5"	120'	15.300 lbs.
16"	16.000"	14.770"	.615"	120'	9.0"	120'	20.000 lbs.

## ▶ ASTM F480 WELL CASING PIPE | SDR-21

NOMINAL PIPE SIZE (IN.)	PIPE OUTSIDE DIAMETER (IN.)	PIPE INSIDE DIAMETER (IN.)	MINIMUM WALL (IN.)	MAXIMUM BURY DEPTH (FT.)	SOCKET DEPTH (IN.)	FEET PER PALLET	POUNDS PER FOOT
2"	2.375"	2.149"	.113"	235'	3.0"	2,100'	.525 lbs.
3"	3.500"	3.166"	.167"	235'	4.0"	920'	1.143 lbs.
4"	4.500"	4.072"	.214"	235'	6.0"	580'	1.940 lbs.
5"	5.563"	5.033"	.265"	235'	7.0"	460'	2.960 lbs.
6"	6.625"	5.993"	.316"	235'	6.5"	400'	4.220 lbs.
8"	8.625"	7.805"	.410"	235'	7.0"	200'	7.140 lbs.
10"	10.750"	9.728"	.511"	235'	7.5"	240'	11.100 lbs.
12"	12.750"	11.538"	.606"	235'	8.5"	160'	15.690 lbs.



► **ASTM F480 WELL CASING PIPE** | Pipe Specifications (continued)

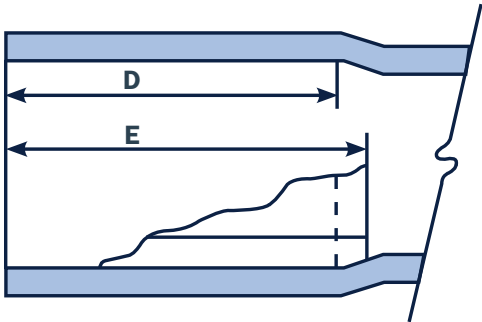
► **ASTM F480 WELL CASING PIPE** | Schedule 40

NOMINAL PIPE SIZE (IN.)	PIPE OUTSIDE DIAMETER (IN.)	PIPE INSIDE DIAMETER (IN.)	MINIMUM WALL (IN.)	MAXIMUM BURY DEPTH (FT.)	SOCKET DEPTH (IN.)	FEET PER PALLET	POUNDS PER FOOT
2"	2.375"	2.067"	.154"	630'	3.0"	2,100'	.703 lbs.
3"	3.500"	3.068"	.216"	540'	4.0"	920'	1.457 lbs.
4"	4.500"	4.026"	.237"	325'	6.0"	580'	2.130 lbs.
4.5"	4.950"	4.454"	.248"	275'	6.0"	580'	2.460 lbs.
5"	5.563"	5.047"	.258"	215'	7.0"	460'	2.890 lbs.
6"	6.625"	6.065"	.280"	160'	6.5"	400'	3.760 lbs.
8"	8.625"	7.981"	.322"	110'	7.0"	200'	5.850 lbs.
10"	10.750"	10.020"	.365"	85'	7.5"	240'	8.040 lbs.
12"	12.750"	11.938"	.406"	70'	8.5"	160'	10.670 lbs.
14"	14.000"	13.126"	.437"	70'	8.5"	120'	12.620 lbs.
16"	16.000"	15.000"	.500"	70'	9.0"	120'	16.550 lbs.

► **ASTM F480 WELL CASING PIPE** | SDR-17

NOMINAL PIPE SIZE (IN.)	PIPE OUTSIDE DIAMETER (IN.)	PIPE INSIDE DIAMETER (IN.)	MINIMUM WALL (IN.)	MAXIMUM BURY DEPTH (FT.)	SOCKET DEPTH (IN.)	FEET PER PALLET	POUNDS PER FOOT
4"	4.500"	3.970"	.265"	450'	6.0"	580'	2.370 lbs.
5"	5.563"	4.909"	.327"	450'	7.0"	460'	3.610 lbs.
6"	6.625"	5.845"	.390"	450'	6.5"	400'	5.140 lbs.
8"	8.625"	7.609"	.508"	450'	7.0"	200'	8.750 lbs.
10"	10.750"	9.486"	.632"	450'	7.5"	240'	13.570 lbs.
12"	12.750"	11.250"	.750"	450'	8.5"	160'	19.180 lbs.

► **ASTM F480 WELL CASING PIPE** | Solvent Weld Joint Specifications



**D.** Socket Depth  
**E.** Spigot Insertion Depth

NOMINAL PIPE SIZE (IN.)	DIMENSIONS (IN.)	
	(D) SOCKET DEPTH	(E) SPIGOT INSERTION DEPTH
2"	3.00"	3.00"
3"	4.00"	4.25"
4"	6.00"	6.25"
4.5"	6.00"	6.25"
5"	7.00"	7.50"
6"	6.50"	7.00"
8"	7.00"	7.50"
10"	7.50"	8.00"
12"	8.50"	8.75"
14"	8.50"	8.75"
16"	9.00"	9.50"