

Utility Pole Direct Embedment 25-45 Feet



Utility 25-45 Feet Technical Chart Grade B Construction Used for Recreational and Industrial Lighting Distribution

Direct Embedment

| CATALOG NUMBER | POLE LENGTH (Ft.) | CONCRETE POLE CLASS | POLE WEIGHT (Lbs.) | HT. ABOVE GRADE (Ft.) | POLE SIZE (In.) | | ANSI GROUNDLINE MOMENT (Ft. Lbs.) * | ULTIMATE GROUNDLINE MOMENT (Ft. Lbs.) ** |
|----------------|-------------------|---------------------|--------------------|-----------------------|-----------------|-------|-------------------------------------|--|
| | | | | | TIP | BUTT | | |
| 251302-4 | 25 | 5-C | 963 | 20.5 | 4.00 | 8.06 | 22,220 | 23,750 |
| 253302-0 | 25 | 4-C | 1,667 | 20.5 | 6.00 | 10.06 | 27,750 | 38,250 |
| 253302-0 | 25 | 3-C | 1,667 | 20.5 | 6.00 | 10.06 | 35,150 | 38,250 |
| 253302-4 | 25 | 2-C | 1,703 | 20.5 | 6.00 | 10.06 | 44,400 | 48,250 |
| 253302-8 | 25 | 1-C | 1,740 | 20.5 | 6.00 | 10.06 | 55,500 | 56,080 |
| 254302-4 | 25 | H1-C | 2,424 | 20.5 | 7.63 | 11.69 | 68,450 | 70,160 |
| 254302-8 | 25 | H2-C | 2,464 | 20.5 | 7.63 | 11.69 | 83,250 | 85,080 |
| 301302-4 | 30 | 5-C | 1,327 | 25.0 | 4.00 | 8.88 | 27,600 | 29,330 |
| 303302-0 | 30 | 4-C | 2,220 | 25.0 | 6.00 | 10.88 | 34,500 | 43,160 |
| 303302-4 | 30 | 3-C | 2,264 | 25.0 | 6.00 | 10.88 | 43,700 | 57,750 |
| 303302-4 | 30 | 2-C | 2,264 | 25.0 | 6.00 | 10.88 | 55,200 | 57,750 |
| 303302-8 | 30 | 1-C | 2,308 | 25.0 | 6.00 | 10.88 | 69,000 | 69,000 |
| 304302-8 | 30 | H1-C | 3,213 | 25.0 | 7.63 | 12.50 | 85,100 | 99,330 |
| 305302-4 | 30 | H2-C | 4,066 | 25.0 | 9.00 | 13.88 | 103,500 | 105,410 |
| 351302-4 | 35 | 5-C | 1,763 | 29.5 | 4.00 | 9.69 | 33,000 | 35,250 |
| 353302-0 | 35 | 4-C | 2,863 | 29.5 | 6.00 | 11.69 | 41,250 | 48,000 |
| 353302-4 | 35 | 3-C | 2,914 | 29.5 | 6.00 | 11.69 | 52,250 | 67,830 |
| 353302-4 | 35 | 2-C | 2,914 | 29.5 | 6.00 | 11.69 | 66,000 | 67,830 |
| 353302-8 | 35 | 1-C | 2,966 | 29.5 | 6.00 | 11.69 | 82,500 | 82,500 |
| 354302-8 | 35 | H1-C | 4,068 | 29.5 | 7.63 | 13.31 | 101,750 | 115,410 |
| 355302-8 | 35 | H2-C | 5,153 | 29.5 | 9.00 | 14.69 | 123,750 | 150,160 |
| 401302-4 | 40 | 5-C | 2,279 | 34.0 | 4.00 | 10.50 | 38,400 | 41,580 |
| 403302-0 | 40 | 4-C | 3,601 | 34.0 | 6.00 | 12.50 | 48,000 | 53,000 |
| 403302-4 | 40 | 3-C | 3,660 | 34.0 | 6.00 | 12.50 | 60,800 | 78,580 |
| 403302-4 | 40 | 2-C | 3,660 | 34.0 | 6.00 | 12.50 | 76,800 | 78,580 |
| 403302-8 | 40 | 1-C | 3,719 | 34.0 | 6.00 | 12.50 | 96,000 | 96,000 |
| 404302-8 | 40 | H1-C | 5,032 | 34.0 | 7.63 | 14.13 | 118,400 | 131,910 |
| 405302-8 | 40 | H2-C | 6,317 | 34.0 | 9.00 | 15.50 | 144,000 | 168,910 |
| 453302-0 | 45 | 5-C | 4,442 | 38.5 | 6.00 | 13.31 | 43,800 | 57,750 |
| 453302-0 | 45 | 4-C | 4,442 | 38.5 | 6.00 | 13.31 | 54,750 | 57,750 |
| 453302-4 | 45 | 3-C | 4,508 | 38.5 | 6.00 | 13.31 | 69,350 | 90,410 |
| 453302-4 | 45 | 2-C | 4,508 | 38.5 | 6.00 | 13.31 | 87,600 | 90,410 |
| 453302-8 | 45 | 1-C | 4,574 | 38.5 | 6.00 | 13.31 | 109,500 | 111,330 |
| 454302-8 | 45 | H1-C | 6,111 | 38.5 | 7.63 | 14.94 | 135,050 | 149,500 |
| 455302-8 | 45 | H2-C | 7,607 | 38.5 | 9.00 | 16.31 | 164,250 | 187,580 |

* The ultimate groundline moment shown corresponds to the equivalent ANSI pole class load for concrete poles. The moments shown are not necessarily the maximum ultimate groundline moment for that particular pole.

** Ultimate groundline moment for the particular pole.