



Santa Fe Rail Dimensions



From 1940 Rules MoW & Structures

| Weight per Yard | Height in Inches | Base in Inches | O Scale | | HO Scale | | N Scale | |
|-----------------|------------------|----------------|---------|-------|----------|-------|---------|-------|
| | | | Height | Base | Height | Base | Height | Base |
| 48 lb | 3 13 / 16 | 3 3 / 4 | 0.079 | 0.078 | 0.044 | 0.043 | 0.024 | 0.023 |
| 52 lb | 3 63 / 64 | 3 3 / 4 | 0.083 | 0.078 | 0.046 | 0.043 | 0.025 | 0.023 |
| 56 lb | 4 1 / 4 | 3 3 / 4 | 0.089 | 0.078 | 0.049 | 0.043 | 0.027 | 0.023 |
| 61 lb | 4 5 / 16 | 4 5 / 16 | 0.090 | 0.090 | 0.050 | 0.050 | 0.027 | 0.027 |
| 65 lb ASCE | 4 7 / 16 | 4 7 / 16 | 0.092 | 0.092 | 0.051 | 0.051 | 0.028 | 0.028 |
| 66 lb | 4 11 / 32 | 4 9 / 16 | 0.090 | 0.095 | 0.050 | 0.052 | 0.027 | 0.029 |
| 67 lb | 4 17 / 32 | 4 17 / 32 | 0.094 | 0.094 | 0.052 | 0.052 | 0.028 | 0.028 |
| 70 lb ASCE | 4 5 / 8 | 4 5 / 8 | 0.096 | 0.096 | 0.053 | 0.053 | 0.029 | 0.029 |
| 71 lb | 4 9 / 16 | 4 9 / 16 | 0.095 | 0.095 | 0.052 | 0.052 | 0.029 | 0.029 |
| 75 lb 7550 | 4 3 / 4 | 4 3 / 4 | 0.099 | 0.099 | 0.055 | 0.055 | 0.030 | 0.030 |
| 75 lb ASCE | 4 13 / 16 | 4 13 / 16 | 0.100 | 0.100 | 0.055 | 0.055 | 0.030 | 0.030 |
| 80 lb ASCE | 5 | 5 | 0.104 | 0.104 | 0.057 | 0.057 | 0.031 | 0.031 |
| 85 lb ASCE | 5 3 / 16 | 5 3 / 16 | 0.108 | 0.108 | 0.060 | 0.060 | 0.032 | 0.032 |
| 85 lb ARA | 5 3 / 8 | 4 7 / 8 | 0.112 | 0.102 | 0.062 | 0.056 | 0.034 | 0.030 |
| 90 lb SF | 5 5 / 8 | 5 3 / 16 | 0.117 | 0.108 | 0.065 | 0.060 | 0.035 | 0.032 |
| 110 lb RE | 6 1 / 4 | 5 1 / 2 | 0.130 | 0.115 | 0.072 | 0.063 | 0.039 | 0.034 |
| 112 lb RE | 6 5 / 8 | 5 1 / 2 | 0.138 | 0.115 | 0.076 | 0.063 | 0.041 | 0.034 |
| 130 lb RE | 6 3 / 4 | 6 | 0.141 | 0.125 | 0.069 | 0.069 | 0.038 | 0.038 |
| 131 lb RE | 7 1 / 8 | 6 | 0.148 | 0.125 | 0.080 | 0.069 | 0.044 | 0.044 |

Transcribed by John C. Barry
V 1.1 13 April 2013

