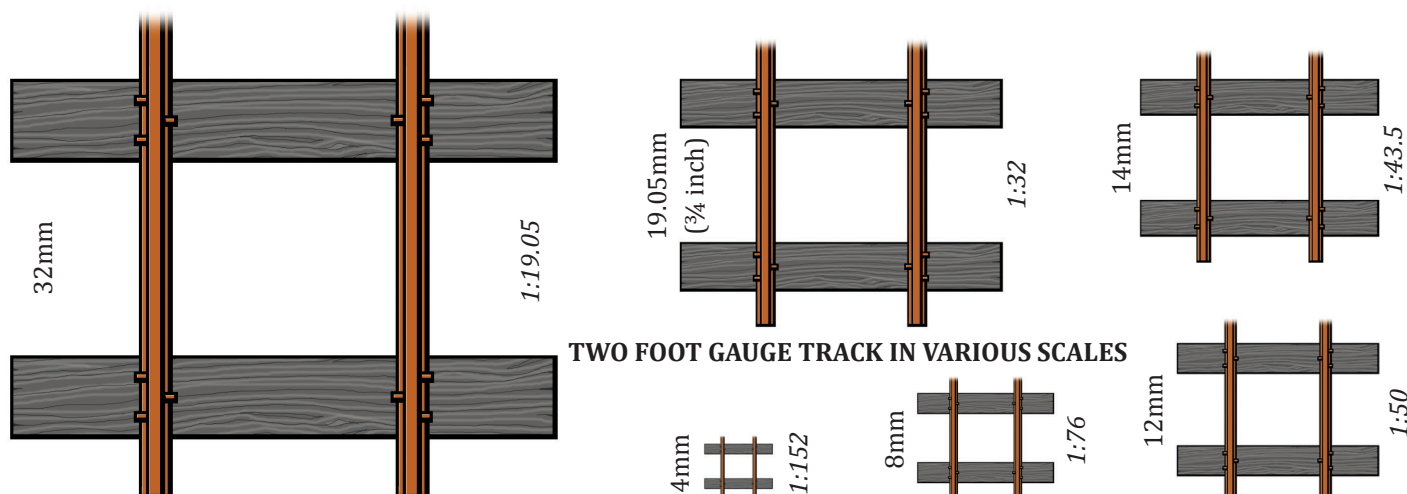


NG&I DATA SHEET 03



TWO FOOT GAUGE TRACK IN VARIOUS SCALES

MAXIMUM LOAD ON 4 WHEELS - IN TONS (2,240lbs)												
Weight of rail lbs./yd												
	12	14	16	18	20	25	28	30	35	45	50	60
Sleepers:												
at 36in. ctrs	2.6	3.4	3.8	4.6	5.2	7.0	9.0	10.6	15.0	18.0	20.6	29.0
at 30in. ctrs	3.0	4.2	4.6	5.4	6.0	8.4	10.6	13.0	18.0	22.0	24.4	34.6

PROTOTYPE FLATBOTTOM RAIL SIZES - In Inches												
Weight of rail lbs./yd												
	12	14	16	18	20	25	28*	30	35	45	50	60
A (height)	2	2 ¹ / ₈	2 ¹ / ₄	2 ³ / ₈	2 ¹ / ₂	2 ³ / ₄	2 ³ / ₄	3	3 ¹ / ₄	3 ³ / ₄	3 ¹⁵ / ₁₆	4 ⁵ / ₁₆
B (foot)	2	2 ¹ / ₈	2 ¹ / ₄	2 ³ / ₈	2 ¹ / ₂	2 ³ / ₄	2 ⁴⁷ / ₆₄	3	3 ¹ / ₄	3 ³ / ₄	3 ¹⁵ / ₁₆	4 ⁵ / ₁₆
C (head)	1	1 ⁵ / ₃₂	1 ⁷ / ₃₂	1 ⁹ / ₃₂	1 ³ / ₈	1 ¹ / ₂	1 ³¹ / ₆₄	1 ⁵ / ₈	1 ³ / ₄	1 ³¹ / ₃₂	2 ¹ / ₁₆	2 ¹ / ₄

All sections are BS or BSR (British Standard Rail) except* which is BSM (Mining).

RAIL LENGTHS		
Rail - lbs/yd	Normal length	5% Shorts
Up to 22 lbs	18 ft	15 ft
24 - 28 lbs	24 ft	18 ft
30 - 60 lbs	30 ft	24 ft

Rail was supplied in multiples of 3 ft.

It was customary to supply up to 5% of the total quantity ordered as 'shorts' - in pairs of equal length.

MODEL RAIL SIZES - Flatbottom section in mm										
CODE	40*	55*	60	70*	75	82	100	125*	143	250
A (height)	1.02	1.40	1.57	1.80	1.90	2.08	2.50	3.15	3.63	6.35
B (foot)	1.02	1.40	1.24	1.80	1.72	1.77	2.28	3.15	3.20	4.06
C (head)	0.41	0.51	0.76	0.90	0.78	0.89	1.04	1.60	1.60	2.79

All Peco apart from those marked* which are USA (NMRA RP15.1) sections

- note that these latter most accurately reflect the proportions of actual rail.

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NG track prototype & model