

If you are planning to lay a railway, then you may wish to consider our Clip Fit Track System



Why use Clip Fit Track System?

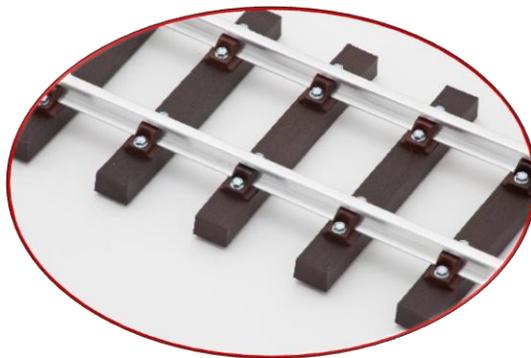
PNP Railways Clip Fit Track System is a modern robust system of track components that is **quick and easy to assemble**. As the name suggests the rail chair simply clips into the sleeper which has been manufactured with pre-drilled pilot holes. We have taken all the hard work out of laying track. No cutting, drilling, treating required other than for the rail for the fish plates. Assemble it easily and quickly and enjoy years of trouble-free running.

One of our customers said: **"Using the clip fit track system meant that I spent less time putting my track together and more time enjoying the use of it."**

What gauges does the track system come in?

We produce Clip Fit Track Kits for the following gauges.

- 3½" Gauge
- 5" & 3½" Dual Gauge
- 5" Gauge
- 5" True Scale
- 7¼" Gauge
- 7¼" & 5" Dual Gauge



Which sleepers should I choose?

Here is a brief overview of each sleeper in the standard scale range.

- **3½" Gauge Sleeper – PNR-9K** - Over scale, but still in keeping for standard scale engines. The sleepers are suitable for narrow gauge, ground level tracks (if your balance is ok) or raised level tracks.
- **5" True Scale Sleeper – PNR-8A** - Designed for standard gauge rolling stock and locomotives. Suitable for both ground and raised level tracks.
- **5", 5" & 3½" Gauge Sleeper – PNR-1T-C & PNR-1T-A** - Over scale sleeper designed for stability when passenger hauling. It is ideal for standard gauge locomotives and rolling stock.
- **7¼", 7¼" & 5" Gauge Sleeper – PNR-1T-H & PNR-1T-G** Over scale sleeper designed for stability when passenger hauling. It is ideal for standard gauge locomotives and rolling stock.

Clip Fit Chair



How does the 'Clip Fit' chair work?

As its name implies, it requires no screws to attach it to a sleeper, it clips into position in seconds. This chair is suitable only for the PNP Railways plastic sleepers and 5/8" x 5/8" (16mm) Aluminium Rail. It's prototypical shape and simulated square head screws, blend well with standard and narrow-gauge models.



The PNP Railways track system has automatic gauge widening built in.

The rail chair allows automatic gauge widening. The rail chair comes in two pieces. A chair and a spacer. The spacer has a spigot and two arrows on it. The spigot is used to locate the chair into the sleeper. The spigot is off set, so placing the chairs on the sleepers with the arrows facing in will set the gauge. To achieve gauge widening on corners, one chair is turned to achieve a 1/32nd widening. To achieve 1/16th widening turn both chairs 180°

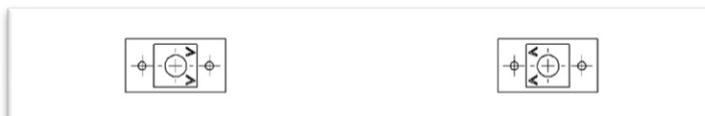
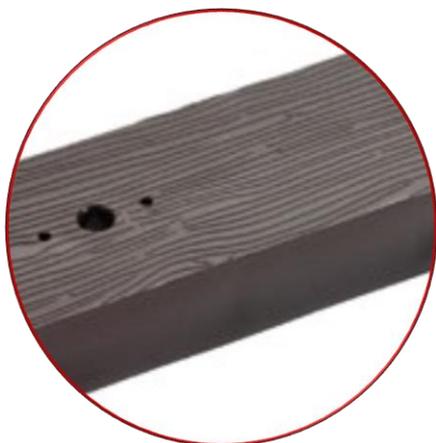


Figure 2 : No Gauge Widening

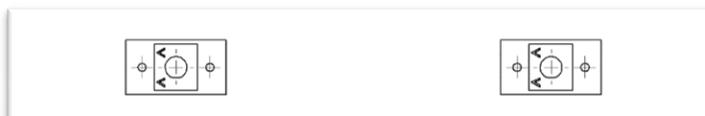


Figure 2 : 1/32nd Gauge Widening

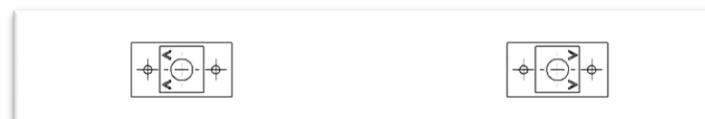


Figure 3: 1/16th Gauge Widening

What is the track system manufactured from?



The sleepers and rail chairs are plastic injection moulded. The sleepers have a wood grain finish to give them a realistic appearance. Together colouring of the rail chairs this gives a rusty/weathered look.

Is the sleeper solid?

The sleepers are not solid. **They have a hollow ribbed underside that will allow the ballast to enter, creating a very stable base to run on**, limiting the amount of track movement.



How long will the sleepers and chairs last being plastic?

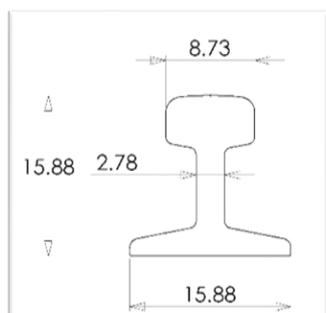
The sleepers and chairs are both manufactured from virgin engineering polymers. The properties of these can be guaranteed. Our system will provide you with many years of trouble-free running. **We have customers who have had our track system down for 20 years and it is still going strong.**

What happens if you drop fire onto the sleepers?

As with wooden sleepers the fire should only be dropped in the appropriate place. Should hot coals drop onto the track they will mark but should not burn.

What rail profile can be used with the PNP Railways Clip Fit Track System?

- 5/8"x 5/8" (16mm High) flat bottom Aluminium Rail



How easy is the track to assemble and take apart?

The track panels are extremely easy to assemble. The only tools that are required are for attaching the fish plates. We include a chair removal tool with all clip fit track kits.

Which track option is best for me?

This does depend on what you are planning on running. If you are looking to lay a short length in the garden look at our garden track kits. The kits contain all the items required to make up a 10m length of track. The PNP track system is suitable for light and heavy use including club and commercial environments.

How do I work out how many sleepers, chairs, and rail I will need?

If you need assistance working out how many sleepers, chairs, and rail you will require, below are the recommended sleeper spacings. Alternatively, you can [email us](#) with your enquiry.

- 3½" Gauge 70mm Centres
- 5" or 5" & 3½" Dual Gauge 80mm Centres
- 5" True Scale 100mm Centres
- 7¼" or 7¼" & 5" Dual Gauge 166mm Centres

Are the ends of rail pre-drilled for the fish plates?

The rail is not pre-drilled, it is easy enough to drill using a fish plate as a template. Please look at our on-line tutorial video. <https://www.pnp-railways.co.uk/technical-advice/>

Fish Plates, what is the difference between the light and heavy ones?

We offer two types of fish plates, light duty, and heavy duty. It is down to personal preference and what you will be running on your track. The bolts and nuts for the fish plates will require a 6mm spanner or ratchet.



I want to lay an oval track; how do I create the curves?

The rail can be bent using a rail bender.



I have a model that I would like to display, can I buy a short length of track?



Whether you are looking to display the finished model or require a short length of track to stand the loco on while building, you can purchase a kit of parts that make up either a **4ft (1.25m) or 8ft (2.5m) length of track**. The kits are available in all our standard scale gauges.

When mounted in a plinth and dressed with ballast the track takes on a very authentic look.



I have a good idea of what I am looking for, before I commit can I see a sample?

Sample packs are available for each gauge. The pack consists of a sleeper and selection of rail fittings in your chosen gauge, the packs are free, but we ask for £5.00 towards postage and packing. If you are interested in receiving a pack please complete the sample request form and return it with your payment, alternatively you can pay for the postage via our on-line shop and email us your completed form. PNP Railways also attend several exhibitions throughout the year. Please refer to our news page for details.

How do I purchase?

We hope that we have provided you with a good overview of the PNP Railways Clip Fit Track System. All our products are available to buy on-line. Delivery is available worldwide. Please contact us for a quotation if you are outside of the UK. Collections from our premises in Stroud, Gloucestershire are by prior arrangement. The prices quoted in this Buying Guide are including VAT at the current rate. If you have any further questions or would like a quotation, please send us an email at enquiries@pnplastics.co.uk

Safety

While all reasonable steps have been taken to produce a product for use on miniature railways permanent way. It is the responsibility of the end user to ensure that the track components are assembled correctly and have been laid on a stable and secure base and only used for the purpose for which they are intended. Frequent inspection of the track components for defects, loose fasteners, damage and stability should be carried out regularly.

Clip Fit Chairs

PNR-7Y	Clip Fit Rail Chair to suit 5/8" x 5/8" (16mm) Rail	£0.14 each
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Rail

PNR-2C	5/8" x 5/8" (16mm) Flat Bottom Aluminium Rail - Please order in multiples of 2.5m lengths Discounts Available for Quantity - Price Per 2.5 Metre Length	0 – 8 – 2.5m Lengths	£8.90
		9 – 16 – 2.5m Lengths - 5%	£8.46
		17 – 39 - 2.5m Lengths - 10%	£8.01
		40+ 2.5m Lengths - 15%	£7.56

Buffer Stops

PNR-5M	5" Gauge Buffer Stop Kit	£48.00
PNR-5K	5" Gauge Buffer Stop Laser cuts and spacers	£25.00
PNR-BSK2	7¼" Standard Scale Buffer Stop Laser Cut only	£30.00

10m Garden Track Kits

PNR-9Z	10m (32ft) - 3½" Gauge Garden 'Clip Fit' Track Kit	£189.50
PNR-10A	10m (32ft) - 5" True Scale Garden 'Clip Fit' Track Kit	£180.50
PNR-8B	10m (32ft) - 5" Gauge Garden 'Clip Fit' Track Kit	£174.00
PNR-8C	10m (32ft) - 5" & 3½" Gauge 'Clip Fit' Garden Track Kit	£231.50
PNR-8D	10m (32ft) - 7¼" Gauge 'Clip Fit' Garden Track Kit	£165.80
PNR-8E	10m (32ft) - 7¼" & 5" Gauge 'Clip Fit' Garden Track Kit	£217.70

1.25m Display Track Kits

PNR-9M	1.25m (4ft) - 3½" Gauge Garden 'Clip Fit' Display Track Kit	£22.20
PNR-9O	1.25m (4ft) - 5" True Scale Garden 'Clip Fit' Display Track Kit	£21.35
PNR-9Q	1.25m (4ft) - 5" Gauge Garden 'Clip Fit' Display Track Kit	£20.75
PNR-9S	1.25m (4ft) - 5" & 3½" Gauge 'Clip Fit' Display Track Kit	£27.00
PNR-9U	1.25m (4ft) - 7¼" Gauge 'Clip Fit' Display Track Kit	£19.95
PNR-9Y	1.25m (4ft) - 7¼" & 5" Gauge 'Clip Fit' Display Track Kit	£25.50

1.25m Display Track Kits

PNR-9L	2.5m (8ft) - 3½" Gauge Garden 'Clip Fit' Display Track Kit	£44.40
PNR-9N	2.5m (8ft) - 5" True Scale Garden 'Clip Fit' Display Track Kit	£42.70
PNR-9P	2.5m (8ft) - 5" Gauge Garden 'Clip Fit' Display Track Kit	£40.50
PNR-9R	2.5m (8ft) - 5" & 3½" Gauge 'Clip Fit' Display Track Kit	£52.85
PNR-9T	2.5m (8ft) - 7¼" Gauge 'Clip Fit' Display Track Kit	£39.85
PNR-9V	2.5m (8ft) - 7¼" & 5" Gauge 'Clip Fit' Display Track Kit	£50.95

The prices quoted include VAT and correct at time of publication. Carriage is extra and is calculated on weight and destination Orders can be place on-line at www.pnp-railways.co.uk or by telephone 01453 833388