

# SAFELOK I



Pandrol Safelok I fastenings provide a positive and lasting rail alignment on concrete ties under the most severe operating conditions. The result is reduced track maintenance and extended track life.

The Safelok I system consists of a clip, shoulder, pad and insulator. The wide, double leg design of the cast-in shoulder reduces stresses within the concrete tie, while at the same time providing high pullout resistance. Gage-holding qualities are excellent under the harshest conditions.

The performance-engineered design of Safelok I fastenings starts with the alloy spring steel that maintains its load-bearing capacity even after years of operation. Installation of Safelok I fastenings is quick and easy with either hand tools or automated equipment.

 **PANDROL**

TRACK SYSTEMS

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# SAFELOK I

## Installation and Removal

Automated clip installation machinery has been designed for use with track laying machines to provide a fast, cost effective method of clip insertion. Maintenance removal and refitting is easily done with hand tools.



## SAFELOK I Insulator Part Numbers:

|           |                               |
|-----------|-------------------------------|
| SIN-36180 | Standard, UP                  |
| SIN-38730 | Nylon w/6.7mm post, Std. BNSF |
| SIN-31947 | 16mm Nylon                    |
| SIN-36392 | 10 mm Wide Post               |
| SIN-38758 | Heavy Duty, 10mm post         |
| SIN-38747 | Heavy Duty, 6.7mm post        |
| SIN-38723 | Heavy Duty, 6.7mm deep post   |

## Nominal toe loads:

4,800 lbs. per rail seat

## Attenuation – rail pad design:

Pandrol can provide a low to high attenuation rail pad to suit your requirements.



PANDROL Long Reach SAFELOK I clips are available as an option for installations that require a fastening that extends 1/2 inch further on the rail base and generates a slightly higher toe load. This longer reach SAFELOK I fastening has been developed as a safety feature to ensure clip retention and increase holding capabilities on high degree curves where shoulder wear and insulator wear are more prevalent.

## PART NO:

|             |                      |
|-------------|----------------------|
| SCL-36800   | Standard Spring Clip |
| SCL-36800XL | Long Reach Clip      |



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