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.
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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