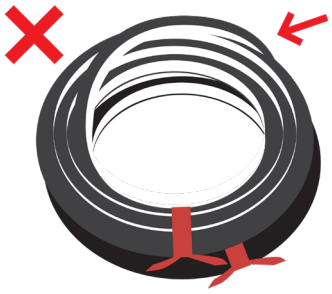
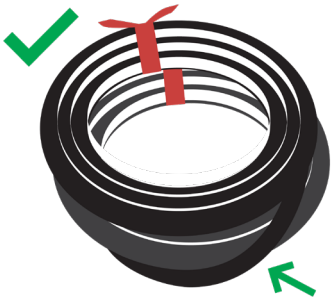
Handrail Handling & Installation Guide

Uncoiling Instructions - Minimum 2 people required

Handrail will be delivered coiled as two independent bundles. These bundles will divide the handrail in half (or quarters for longer handrails) and will be tied with plastic bands.



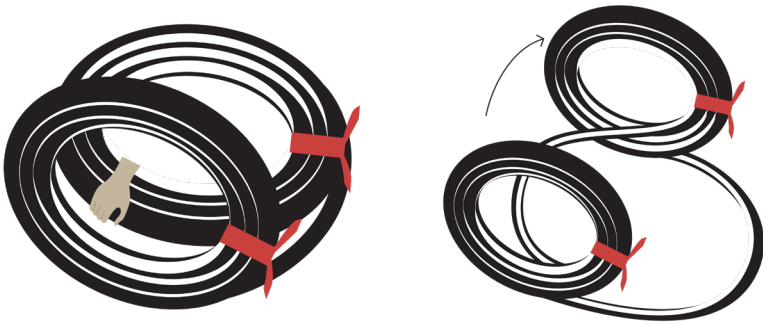
Please ensure that the crossover coil is always on the bottom before starting.



Instructions:

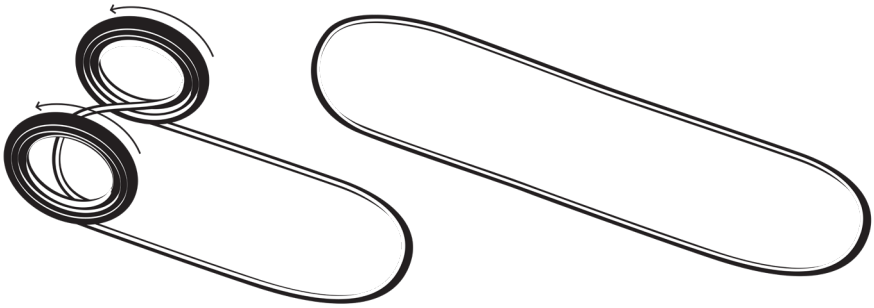
1. Lift the top bundle up and to one side.

2. Lift the bottom bundle where shown to the other side.



3. Remove the plastic ties.

4. Uncoil the handrail completely, unrolling both sides together.



Do not twist or bend the handrail tightly, as it may deform.

Draka EHC

A Brand of Prysmian Group

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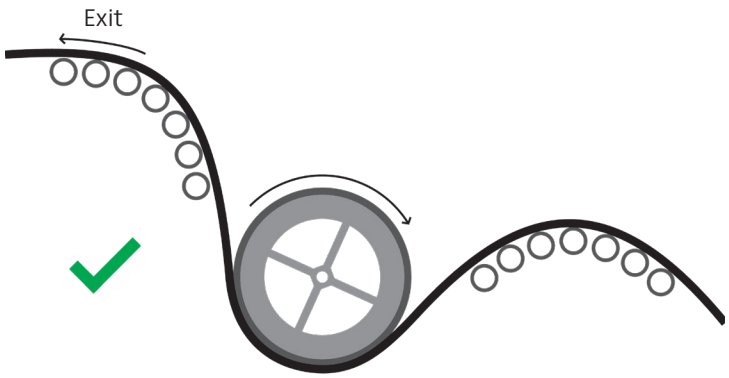
Handrail Handling & Installation Guide

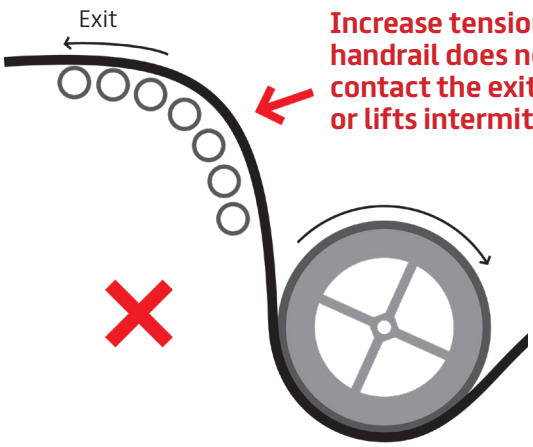
Handrail Set-up and Tensioning

NT handrails should generally be installed tighter (10 – 15%) than conventional rubber handrails. Stiffness will diminish after several days of use.

Ensure that the handrail is correctly tensioned by observing how the handrail tracks at the exit of the drive unit.

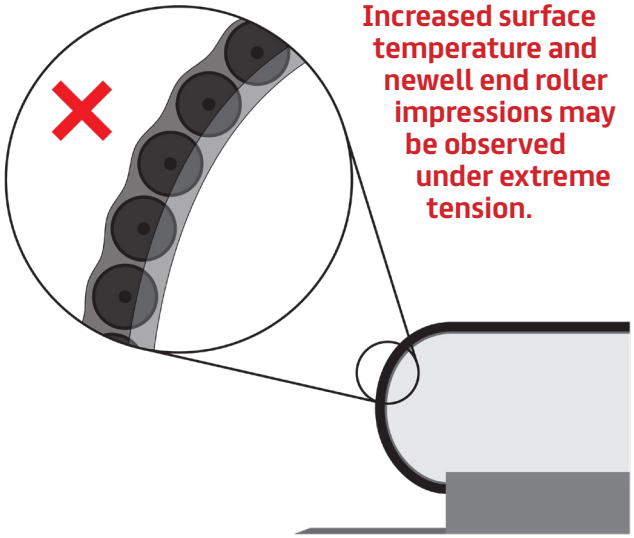


Low Tension



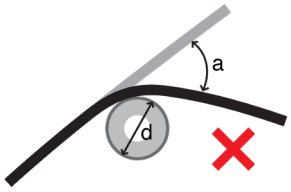
Increase tension when handrail does not contact the exit rollers or lifts intermittently.

High Tension



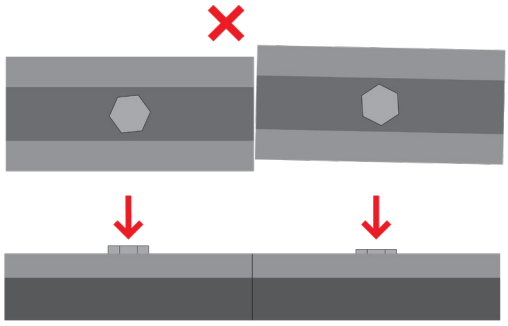
Increased surface temperature and newell end roller impressions may be observed under extreme tension.

Do not bend handrail sharply backwards around a single roller.



Roller diameter (mm)	Max wrap angle
Min d ≥ 50	a ≤ 13°
Min d ≥ 60	a ≤ 15°
Min d ≥ 70	a ≤ 25°

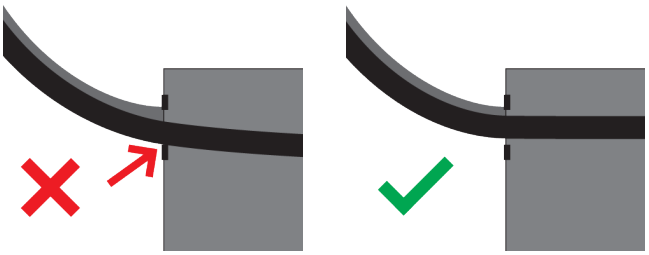
Handrail Guide



Misaligned edges and protruding bolts may damage handrail.

Inlet

Adjust handrail to avoid contact with inlet.



Storage Requirements: Original Packaging, Cool, Dry, No UV Exposure, Flat (Do Not Top Load), Up To One Year. Handrail storage may contribute to reduction in service life.

Rubber Handrails: Protective additives will form a waxy coating on surface after extended storage. Clean after installation (See Draka EHC Handrail Cleaning & Polishing Instructions).

NT Handrails: Remove protective film after installation.

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