

Synergy® Chain

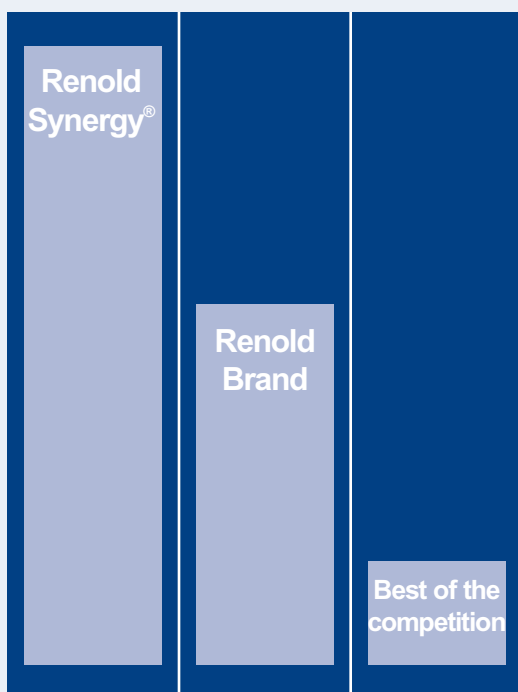
- Longer lasting
- Lower maintenance
- Increased reliability

Simply the best

Renold has been advancing chain technology since the first roller chain was invented — and Renold Synergy® is our biggest single innovation.

Synergy® is built to perform:

Unique pin and bushing design extends wear life nearly six times longer.



When specified correctly, most chain replacements are caused by elongation due to wear between the pin and bushing. Not so with Renold Synergy®.

- Optimal hardness prevents brittleness and minimizes wear.
- Unique bush bore profile ensures full contact with pin surfaces.
- Three-stage pin surface treatment retains lubrication and extends wear life.
- Exclusive six-stage cold extrusion process optimizes resistance to shock loads.

Special link plates improve fatigue performance up to 30%

Connecting link plates are specially treated to achieve the same fatigue life as the chain — outlasting top competitors by an average of 30 percent.

- Precision blanked profile optimizes stress distribution.
- Specially selected steels control trace elements to ensure consistent heat treatment.
- Triple-punch holing techniques prevent crack propagation and keep pins and bushings positioned for even wear.
- Special surface treatment improves resistance to corrosion and light acids.

User-friendly features dramatically reduce maintenance

- Renold Synergy® is virtually dry to the touch. The lubricant stays in the chain — requiring no cleanup.
- Our platinum-colored connecting link is easily identified against the black surface plates, so disconnecting is especially quick.
- Unique, soft pin ends let you cut to length quickly and cleanly with less risk of damaging the chain. Get up and running faster than ever before.
- Fatigue and wear performance make Renold Synergy® the most reliable chain on the market. Just fit it and forget it.



RENOLD
Synergy®

Fit It and Forget It

SAFE AND ENVIRONMENTALLY FRIENDLY

RENOLD SYNERGY® CHAIN AND PACKAGING ARE 100% RECYCLABLE AND MADE IN FACTORIES THAT FULLY CONFORM TO ISO 14001.