

# PS™ Material

## Platinum Series™ Chains

### Rex® Platinum Series™ Chains

Beverage filling lines get more and more efficient which means conveyor speeds continue to increase. Most existing conveyor chain and belt materials can not handle these higher speeds, especially in side-flexing applications.

Rexnord developed LF in the 1970's to address what was then considered high speed. In the 1990's, line speeds almost doubled, and then we introduced the HP™

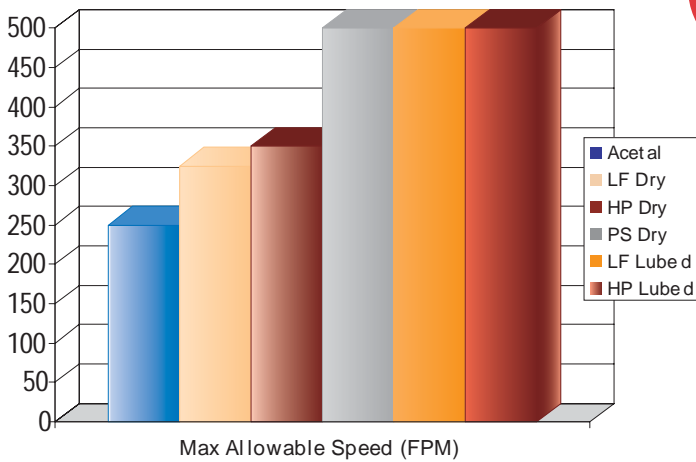
material. Filling speeds continue to increase at a rate that only Rex® chain materials can handle. The *new* PS™ material addresses these escalating conveyor and high speed needs.

Rex® Platinum Series™ chains can last up to **five times** longer than current acetal materials. Side-flexing Platinum Series™ chains can run **DRY** up to 500 FPM (**150 MPM**)! In comparison, some competitive products are limited to 100 FPM (**30 MPM**). Straight running chains are

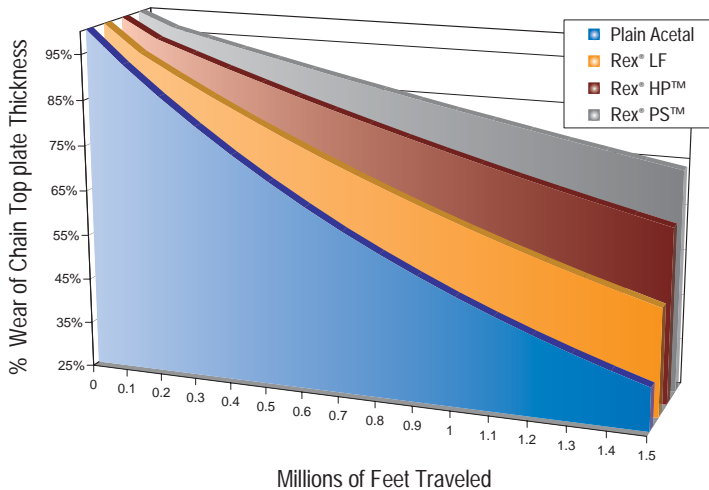
capable of speeds in excess of 1000 FPM (**300 MPM**)!

With the trend of containers continuing to move to PET bottles, the new PS™ material is "Optimized for PET", which means that PET bottles running on PS™ chains have the lowest friction available. Platinum Series™ material is available for **all** of the popular Rex® TableTop® & MatTop® chains.

# Features & Benefits



## Less Wear Means Longer Chain Life



- High speed capabilities:
  - 1000 FPM (300 MPM) Straight running
  - 500 FPM (150 MPM) Side-flexing
- Optimized for PET means lower friction between PS™ material and plastic PET bottles
- Self lubricated material allows high speed chains to run dry
- Reduced wear - **up to 5 times longer** life than existing acetal materials
- Increased production speeds - PV limits increase allowing existing conveyors to run 50% faster, just by switching to PS™ material
- Less dust and particulate - especially during start-up
- In many cases, PS™ material can run faster **DRY**, than other acetal materials **lubed**!
- Reduced container backline pressure protects your cans and bottles
- Minimized conveyor pulsations
- Available for popular Rex® TableTop® & MatTop® chains
- Platinum Series™ chains are molded in PS™ material

Platinum Series™ Chains	
TableTop® Chains	MatTop® Chains
820	1500 Series
831	1500 MTW
821	5700 Series
879	5700 MTW
880	7956 Series
882	8500 Series
1050	8500 MTW
1055	7700 Series
1873	7700 MTW

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