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# Rexnord PSX Series Chains

## Platinum Series X (PSX) Material

Rexnord FlatTop continuously develops innovative conveyor chain and component solutions to meet the increasing performance demands of high-speed filling lines in the beverage industry.

### Platinum Series X (PSX) Material

Rexnord developed LF (Low-Friction) material in the 1970's to address "high-speed" conveying concerns. In the 1990's, line speeds almost doubled and our HPT™ (High-Performance) material was introduced. Over time, conveyor speeds continued to increase with concerns in sustainability targeting improved safety, increased productivity, reduced water consumption and energy savings. Rexnord's new PSX® (Platinum Series®) material addresses these needs and will help set a sustainable conveyor standard for the future.

### Application Fields

PSX material is developed for high-speed conveying of glass and PET bottles, aluminum and steel cans in conditions where minimal or no external lubrication is present. Rexnord MatTop® and TableTop® chains in PSX material offer long wear life with minimal dusting in dry running applications.

**PSX Series TableTop and MatTop Chains**

| TableTop Chains (Straight-Running) | MatTop Chains |
|------------------------------------|---------------|
| 820/831                            | 1000 Series   |
| SHP325/84                          | 1005 Series   |
| TableTop Chains (Side-Flexing)     | 1500 Series   |
| 879/880/882                        | 7700 Series   |
| RHMP Magnetflex®                   | 8500 Series   |
| FGM 1050 Magnetflex                |               |
| FTM 1060/1055 Magnetflex           |               |



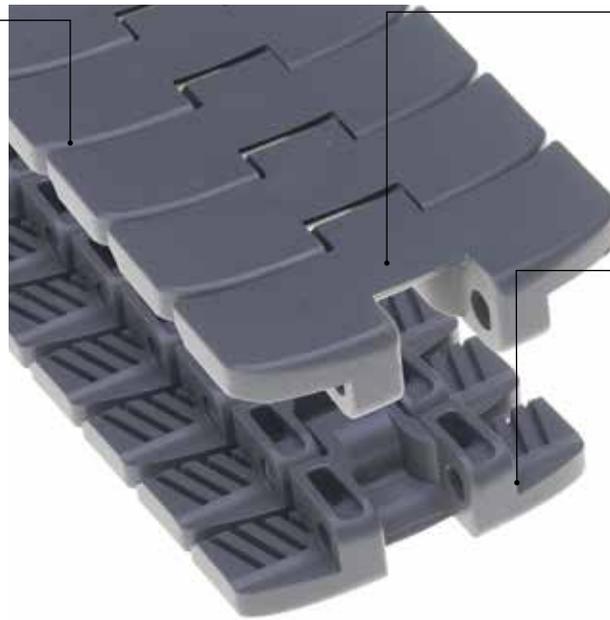
PSX FTM1060 K330 TableTop Chain



PSX FTM1060 K330 TableTop Chain in combination with ULF wearstrips

**Key Features**

- High strength
- Consistent low-friction
- Minimal dusting
- Long wear life



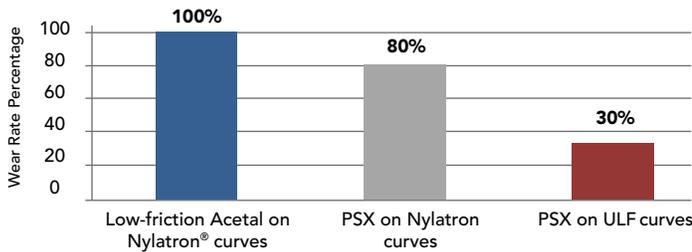
**Low Coefficient of Friction (COF)**

- PSX material offers consistent low COF with aluminum and steel cans, glass and PET bottles
- PSX material offers consistent low COF with various wearstrip and corner materials

**Minimizes Dust**

- Reduces dust which is common in dry running applications

**882 PV (Pressure-Velocity) Wear Rate Index**



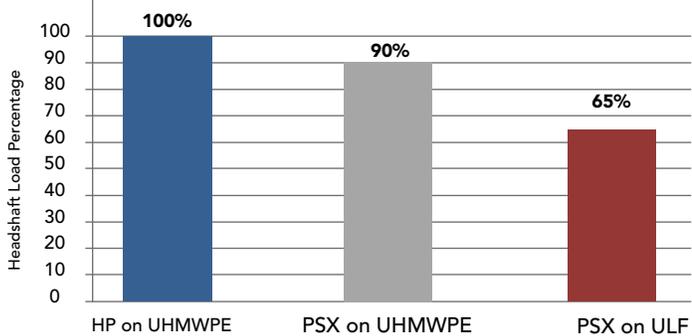
**Test Conditions**

- Room temperature
- Test duration: 500,000 cycles
- Speed: 250 ft/min (76m/min)
- Corner load: 125 lbs (57kg)
- Dry running



PSX Chain on a TAB-X Corner Track with ULF Wearstrips

**7705 Headshaft Load Index**



**Test Conditions**

- Room temperature
- Test duration: 1000 hours
- Speed: 250 ft/min (76m/min)
- Top load: 30 lbs (14kg)
- Dry running



ULF Wearstrip (Part S0362)

Nylatron® is a registered trademark of Quadrant Engineering Plastics Products.