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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 food and beverage industries.

#### Platinum Series® X (PSX®) Material

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

#### Application Fields

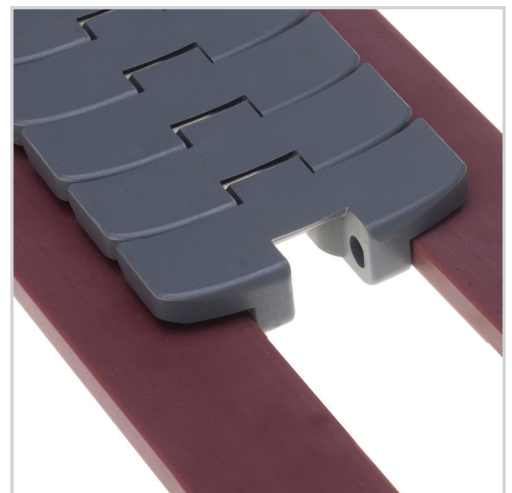
PSX material is developed for high-speed conveying of glass bottles, PET bottles and cans in conditions where minimal or no external lubrication is present. Rexnord MatTop and TableTop chains in PSX material offer a long wear life with minimal dust forming in dry running applications.

#### 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 TAB	7700 Series
RHMP Magnetflex®	8500 Series
FGM 1050 Magnetflex	
FTM 1060/1055 Magnetflex	



PSX FTM1060 K330 TableTop Chain



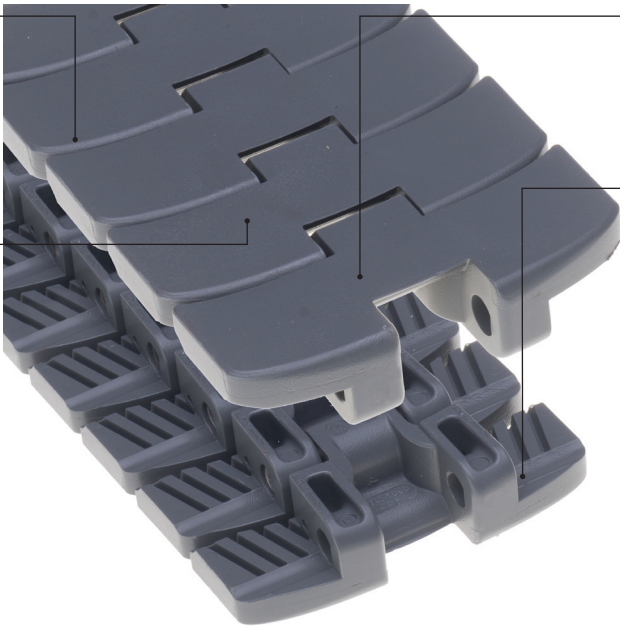
PSX FTM1060 K330 TableTop Chain in combination with ULF wearstrips

**Key Features**

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

**TableTop and MatTop Executions**

- Multiple TableTop Series
- Multiple MatTop Series



**Low-Friction Coefficient**

- PSX material offers consistent low-friction coefficient with glass, PET and aluminium cans

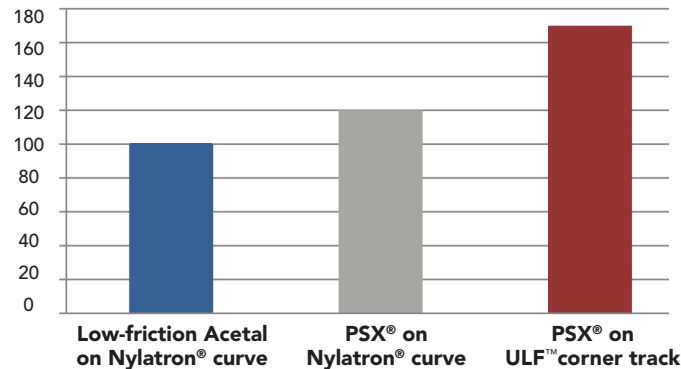
**Minimizes Dust**

- Minimizes dusting phenomena typically for dry running conveying

**Multiple Applications**

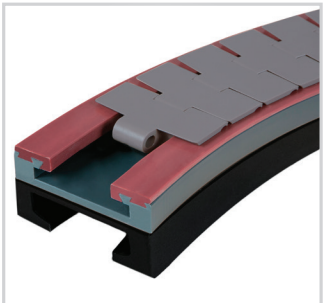
- Aluminium and steal can conveying
- Glass bottle handling
- PET bottle conveying

**PV (Pressure Velocity) Index**



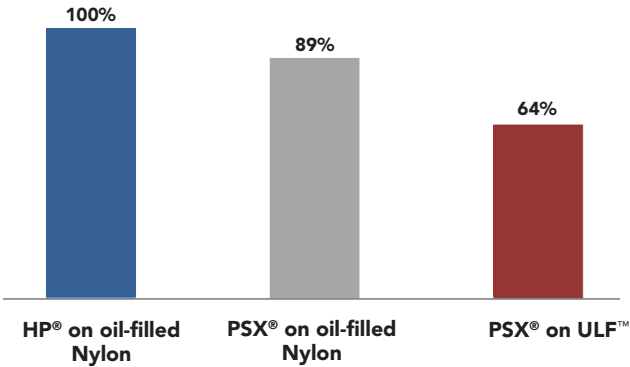
**Test Conditions**

- Room temperature
- Test duration: 1.000.000 cycles
- Speed: 82/min
- Corner load: 57kg
- Dry running



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

**Headshaft Load Trend**



**Test Conditions**

- Room temperature
- Test duration: 1000 hours
- Speed: 82/min
- Top load: 13.6 Kg
- Dry running



ULF™ Wearstrip (Part S0362)