

Productivity...OK!





STAINLESS STEEL CHAINS

The developments for our state-of-the-art chains have been done in close cooperation with leading OEMs in the world of beverage and packaging. The detailed analyses and design in combination with the latest production technology have resulted in this superior line of products. For any information we suggest you contact our sales team.

There is the available range of stainless steel chains:

- **Standard:** for applications in mass handling and average speeds.
- **Extra Plus:** material with higher hardness and strength and improved sliding properties, specially made for higher speeds and heavier loads
- **SPCL / SPSL:** best available flatness and smoothness on the market for the most critical positions like inliners and outliners before and after filling, labeling and inspection.

HB pins:

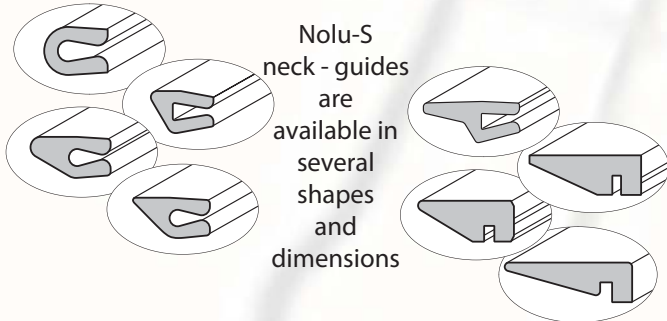
System Plast chains can be supplied with HB pins. These stainless steel pins are hardened in a special process for optimum wear life. Specially made for high speed lines, abrasive circumstances or any other application where pin life is a critical factor.



AIR-CONVEYOR PROFILES IN NOLU-S

Nolu-S

- Reduced static and dynamic friction
- Smoother product flow
- Improved productivity
- Extruded profiles make installation easy

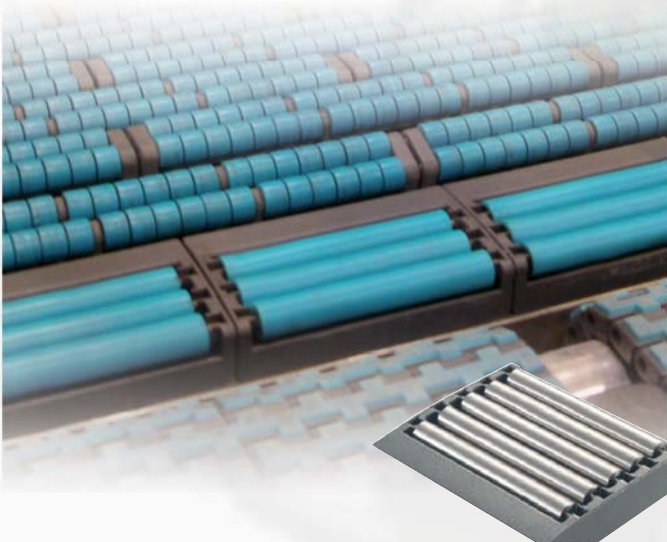
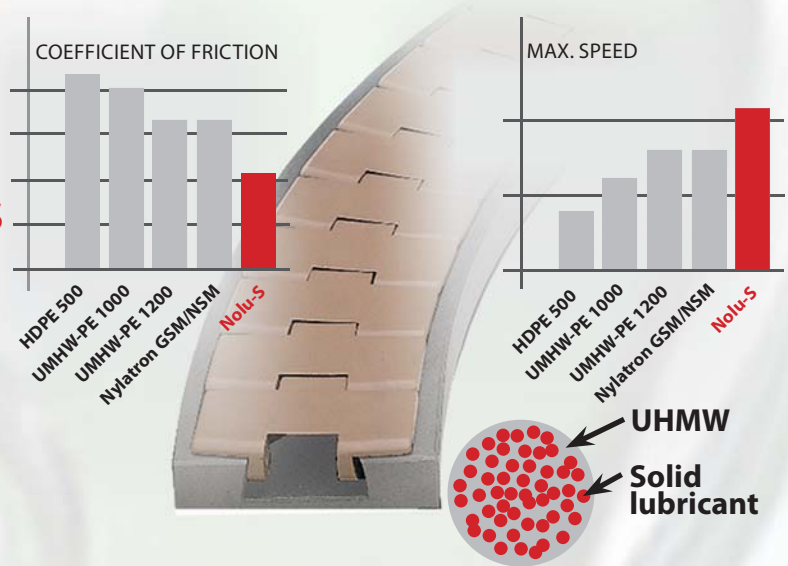


NOLU-S WEAR STRIPS AND GUIDES

- System Plast developed a self-lubricating material for high speed lines and high productivity.

Nolu-S:

- **Lower friction**
 - **Less power consumption**
 - **Higher wear resistance**
 - Less noise
 - Improved line performance
 - Nolu-S is a special **FDA** approved polyethylene with solid lubricants.
- Available as:
- Extruded profiles and wear strips
 - Machined parts like curves for chains and modular belts, magnetic or with tab.



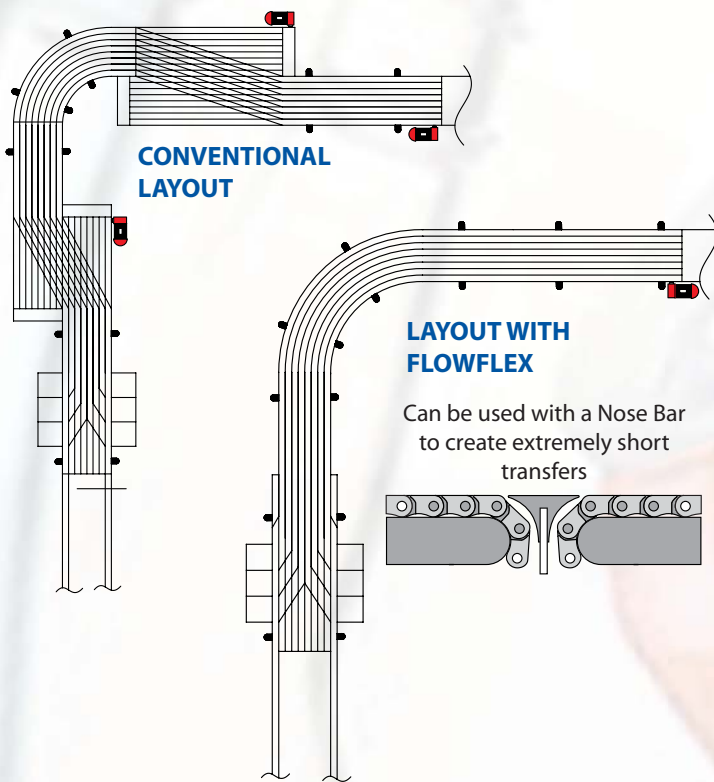
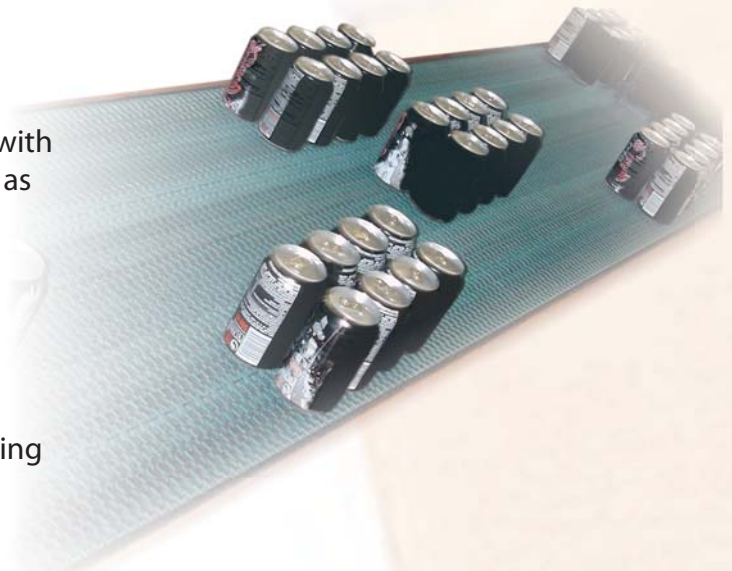
ROLLER TRANSFER MODULES WITH MICRO-BEARINGS

- Optimized head-to-tail transfers between conveyors in packaging lines.
- Plastic or stainless steel one-piece rollers with micro bearings inside offering extremely low friction and ensuring rolling – no sticking due to product spillage!
- Modular system; several combinations possible: Available in 4 widths and 2,3 or 5 rows of rollers.

CHAINS AND MODULAR BELTS WITH RUBBER INSERTS

- System Plast Modular Belts and Chains are available with rubber inserts to be used on elevators, lowerators or as stop-belt .
- The plastic chains and modular belts are made in NG material:
 - Lower friction on the wear strips.
 - Improved bonding between base and rubber.

The rubber inserts are made of a special material offering the best available combination of grip and wear life.



FLOWFLEX 1/2" PITCH SIDE FLEX CHAIN BELT

This product has been specially developed for improving the product flow for the infeed of packaging machines. In the meantime it has been recognized as a solution for conveying and transferring small and light products in other parts of filling lines as well. Ideal for cans, PET as well as glass!

- Less space occupied, less belt used, simplified product guides, less drives
- Smooth product flow
- Ideal for square products

CHAIN SERIES 828

Improved 82.5/83.8 mm chain for optimizing general conveying. Features of this chain are:

- **Improved product support**
- **More robust**
- **20% higher maximum load**
- **Sprocket standardization**

The new plate and hinge design combination resulted in an extremely flat and closed surface offering superior product support. 828 runs on the same sprockets as the side flex series 880 – a big standardization bonus! 828 is available in LF, XPG and NG of course!



POWERFLEX The solution for high-speed heavy applications

PowerFlex

The System Plast modular side flex belt, PowerFlex are designed for conveying boxes, trays, shrink wrap packs, etcetera. The PowerFlex belt can do corners that could not be done properly before. The smaller radius and the highest load capacity make it possible now. Even s-curves are possible with only one drive.



For extra heavy loads, we have a special version available.



½" PITCH LOW BACK PRESSURE BELT

The System Plast small pitch modular belt with low back-pressure rollers completes the range of the ½" pitch 2120 series offering the shortest possible head-to-tail transfer for pack conveyors.

- Optimized product flow
- Low noise
- Low friction
- Superior roller-pin construction

FLANGE BEARINGS WITH STAINLESS STEEL COVER

System Plast offers a vast range of flange bearings including a series with stainless steel covers for application in the bottling industry. The product is a perfect combination of strength and hygiene. We advise using our special caps, available in transparent plastic for easy inspection and maintenance.

Available shaft sizes for this type are 30, 35 and 40 mm. The roller bearings are made of high quality steel for long wear life.





CONVEYOR COMPONENTS

System Plast offers an impressive range of components for conveyor construction like supports, brackets, clamps, guides, profiles. Brackets supports and clamps are available in both plastic and stainless. The guide rails have a stainless steel, aluminum or galvanized backing. The plastic materials for these profiles are:

- PE1000 in black or white.
- Nolu-S, a special PE by System Plast, reducing friction.
- Antistatic material.

RUBBER RETURN ROLLERS

A range of System Plast return rollers that always rotate!

- High friction rubber surface moulded on the roller
- Low friction roller centre for easy rotation on the shaft
- Roller is sealed watertight or solid for optimum hygiene
- Important for improving the life of modular belts and plastic chain.
- Offers noise reduction



HIGH PRECISION SPROCKETS AND IDLERS

System Plast produces the largest range of machined sprockets and idlers for the beverage and packaging industry in the world. The high quality process and the long production experience result in superior products regarding chain/tooth interaction, noise, wear life and strength. The smooth sides offer optimum hygiene. The sprockets and idlers are available as one-piece or split for easy maintenance.



STAINLESS STEEL ADJUSTABLE FEET

System Plast Sanistar feet are widely used in the beverage industry particularly where hygiene matters. Sanistar feet are made of high quality stainless steel and equipped with rubber anti-slip pads. System Plast offers a wide range with several options like thread covers and mounting holes.



PLASTIC CHAINS AND MODULAR BELTS

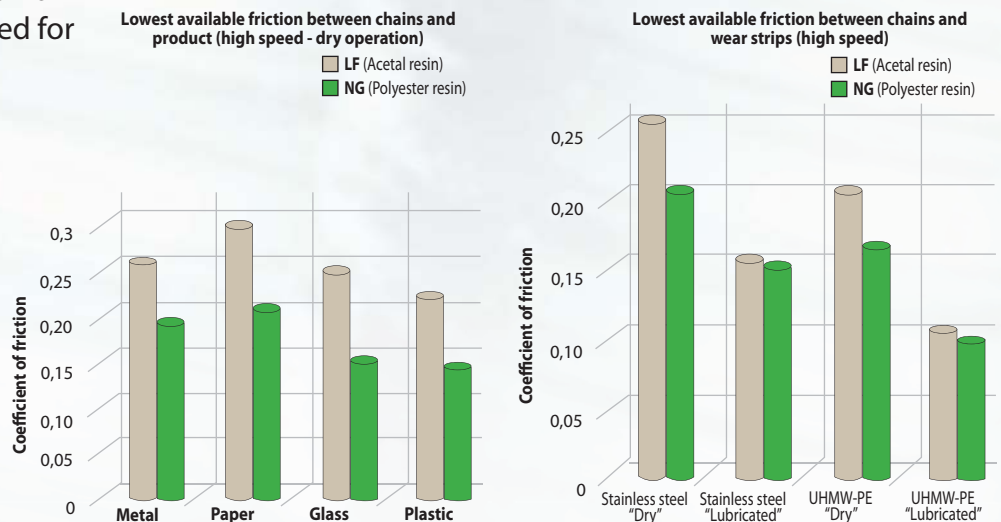
System Plast produces a large range of plastic chains and modular belts for various applications. All products have been designed with a strong focus on the application, improvement and total quality. On top of that, System Plast made a careful and strict selection of Top-Class raw materials to be used for this range of products:

- **LF** for general purposes
- **XPG** for lower friction
- **NG** for lower friction and longer wearlife

Several other materials available on request.

NG New Generation
The ultimate solutions for low friction and long wear life; the best material for dry lines.

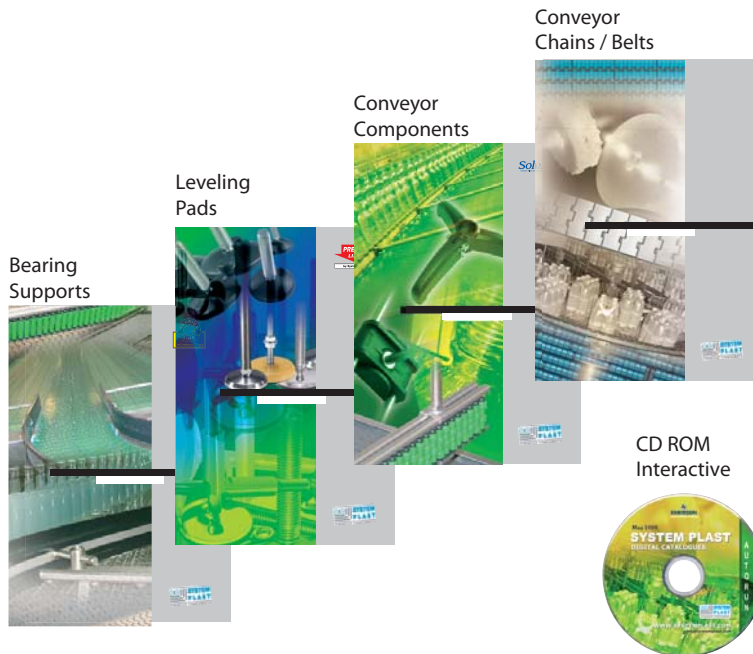
Friction comparison between NG and LF



Catalogues available for you on request

System Plast

Complete range of components meets all your production needs.



System Plast in the World

The products you want whenever you want!


Wherever you are all over the world, System Plast can satisfy your needs for fast turnaround and delivery of standard or custom products.


We operate with twelve branch offices in convenient locations.

In addition, System Plast works through agents and representatives throughout the world.




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