

## **Nolco**

*Flexible protection for heavy and fragile goods*



## *Safe, customer specified and applicable to many requirements*

Nolco Industrial Packaging is employed to handle transportation, transit, and storage of heavy and long goods, but is also increasingly used for lighter products when they require a versatile “covering.” They protect goods of the most varied kinds against pressure, shock, impact, deformation, surface damage, and high stacking load.

Nolco products serve as a cover or interlayer, as a backing or partial protection for particularly sensitive sections, and of course as a full-surface cover. They replace a variety of conventional packaging, including wooden boxes, frames and covers, cardboard, and wooden boards. Damage such as cracking and buckling of packaged goods can also be prevented by using Nolco, such as surface damage due to various mechanical and physical influences including blows, bumps, and strapping. Nolco products are therefore effective protection against complaints and the resulting costs.

Depending on requirements, Nolco products can protect individual goods or entire product bundles.



*protection of sensitive roll products*



*protection for long steel rolls*



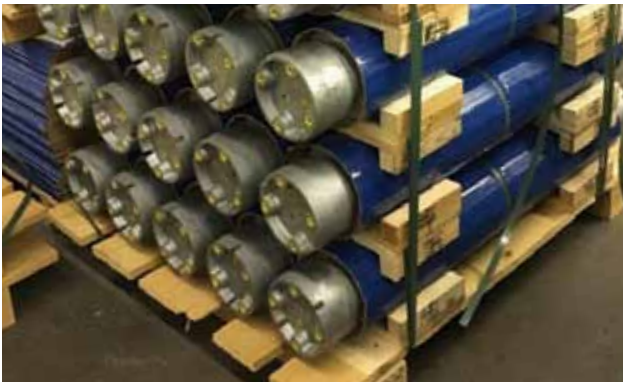
*full surface covering of valuable and sensitive components*



*partial protection of sensitive roll parts*

## *Fast handling guaranteed!*

Nolco products facilitate and speed up the packing process. Each Nolco product can easily be adapted regardless of the packaged goods' dimensions. These properties are the result of well-planned combinations of materials. Depending on requirements, Nolco products consist of pressed, hard or soft and correspondingly elastic wood-fiber material, combined with specific inside and outside liners.



*solid protection with optimized packing density*



*horizontal casing of rectangular products*



*Nolco – form-fitting protection – flexible, endless, rollable, foldable*

## **Nolco-Flex**

*Shock-absorbing protective covering made of elastic wood-fiber material*

Nolco-Flex consists of double-sided laminated soft wood fiber boards in widths available up to 2.40 m. The parallel grooving makes this material flexible and rollable. The required amount gets cut off from an endless roll and fitted as a protective cover to each packaged item separately (for example, coils, rolls, reels, rods, tubes). Nolco-Flex forms a closed protective surface, as an alternative to heavy, splintering wood casing. The elasticity of the material reduces stress from handling and transportation.

## **Nolco-Rib**

*Load distributing protective cover made of hard fiber*

Nolco-Rib provides similar functionality as Nolco-Flex, but consists of lamellar fiberboard strips. Its strength lies in the greater flexibility and the load distributing effect. The double-sided layer ensures a solid construction. It protects surfaces against shock and impact and can be used for wrapping and bundling of different objects, because of selectable widths of up to 8 m for particularly long goods.

## **Nolco-Pack**

*Light and robust top cover and interlayer*

Nolco-Pack is the stable, cushioned, and reusable covering and interlayer for all types of coils as an alternative to conventional timber tops. The square cut of the double-sided laminated wood fiber soft boards serves as a lightweight and robust top plate, as well as edge protection for large rollers or cylindrical products stored and transported standing upright.

## **Nolco-Soft**

*Surface protection with the protective properties of an outer packaging*

Nolco-Soft is a composite made of polyethylene foam and crepe paper. The product is particularly lightweight, tear-resistant, flexible, and cushioning packaging material with the protective properties of an outer packaging. With its 6 mm thick PE foam core, Nolco-Soft conforms to a wide variety of packaging products, including uneven surfaces, for a perfect form fit. Nolco-Soft is easy to cut and can be fastened quickly and easily with tape because of its light weight.



*moisture-resistant, climate-resistant*



*absorbs compressing pressure and protects against deformation*



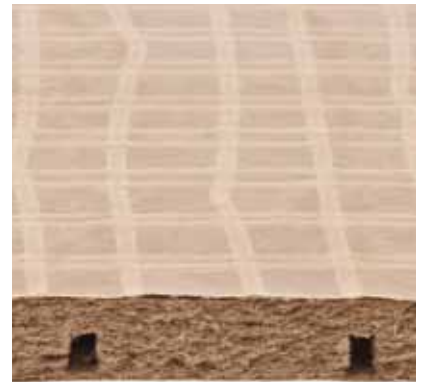
*lightweight alternative to heavy wooden frame*



*form-fit protection for axle supports*



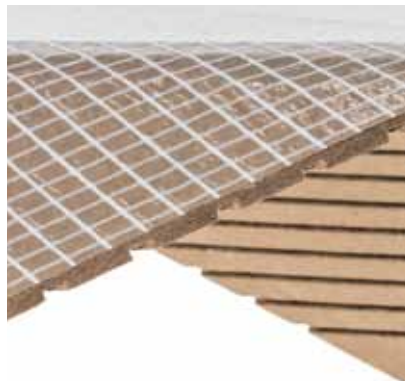
*intelligent alternative*



*Nolco-Flex*



*Nolco-Rib*



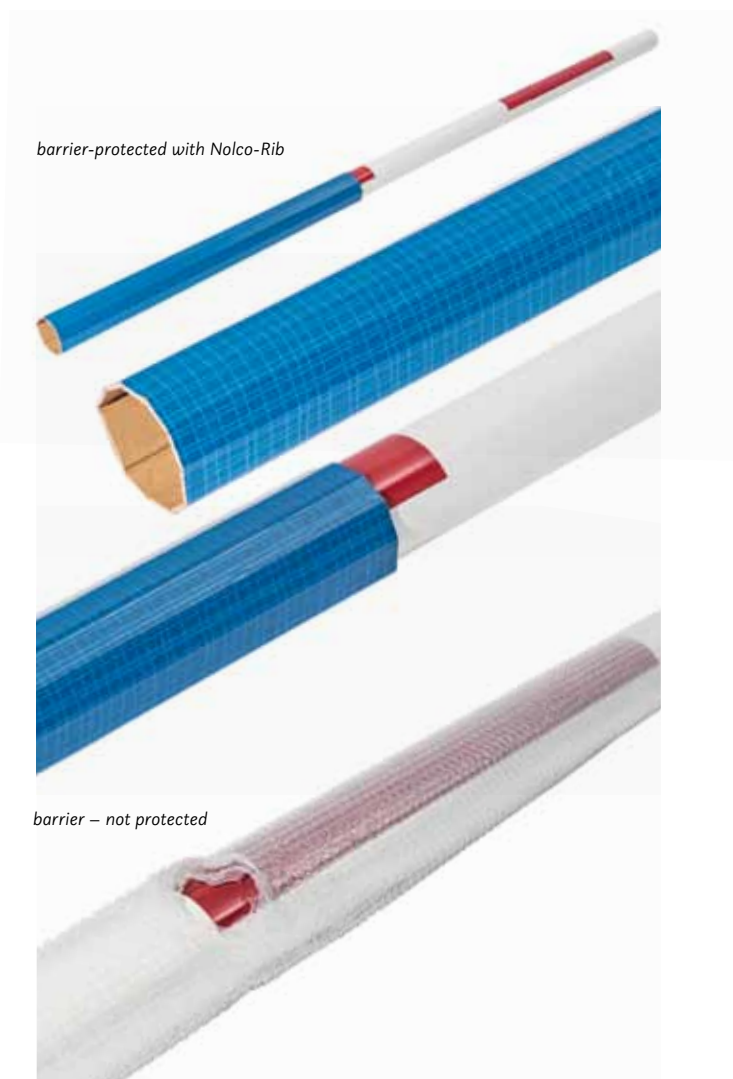
*Nolco-Pack*



*Nolco-Soft*

## *The advantages at a glance*

- “ efficient and flexible packaging protection even with varying dimensions of packaged goods
- “ suitable for heavy, light, bulky, sensitive packaged goods of various shapes
- “ protects against impact, pressure, deformation, surface damage, breakage, and excessive stacking load
- “ has a dampening and load distributing effect
- “ customized additional protection functions (e.g. against moisture and UV exposure)
- “ effortless cutting because of lamellar structure
- “ simple, splinter and nail-free handling
- “ can be sealed and fastened with simple packaging materials
- “ reduced material requirements through flexible adjustment of the dimensions
- “ reduced packaging weight, reduced storage space requirements
- “ reusable
- “ environmentally friendly – products consist predominantly of wood residues
- “ disposal by landfill or incineration



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