

Novelty!

Zeroseam seamless belts with freely configurable dimensions

Düsseldorf, Germany, February 2018. At this year's Hannover Messe, Nitta Industries Europe GmbH introduces a new development: the Zeroseam line of seamless belts. This new type of flat belt is truly endless and combines in one product the advantages of existing belting lines – high flexibility, abrasion resistant high grip cover and customizable length even in small lot numbers.

The new line of Zeroseam belts is manufactured using a moldless production process developed by Nitta. It allows for manufacturing rubber covered endless belts without joint, but with freely configurable length according to customer specifications. This is an advantage over the existing lineup of seamless belts, which is limited by available production sizes and surface materials. "The new production process enables us to use a priority rubber compound, which has the best abrasion resistant properties on the market, in combination with the advantages of truly endless belts," explains Sebastian Vossmann, Area Sales Manager of Nitta Europe.

Due to its seamless structure, the Zeroseam belt offers high flexibility, even under low temperature conditions. The belt consists of a structured rubber surface and a polyamide fabric and has a special cord as its tension member. The surface material of structured rubber, possessing high grip and high abrasion resistance, is produced according to Nitta's in house formulation. It is a variation of the rubber compound used in Nitta Polybelt and Polysprint lines. These features are for instance utilized in the tube winding industry, with high flexibility and grip lowering the necessary machine power and allowing for extended lifetime of the belt.

For its launch, Zeroseam belts are available in three configurations with different thickness and tension classes, with more belt types under development. Sebastian Vossmann says: "We are developing additional products in the Zeroseam line including variations of material and surface structure, in order to introduce the product line to more industries and applications. There are many possibilities to explore."

Apart from industrial belting, Nitta manufactures conveyor systems, plastic hoses and tubing, engineered rubber products, air filtration systems, industrial wipers and mechatronic sensor systems. These products are used in many industry sectors including logistics, paper processing and printing, banking automation, textile and other industry applications. In Germany, Nitta is headquartered in Düsseldorf and has a fabrication center close to Frankfurt, where belts, tubes and hoses are warehoused and processed according to customer specifications.

Picture:



Nitta at Hannover Messe 2018:

IAMD Integrated Automation, Motion & Drives, 23 to 27 April 2018, Hannover, Germany:
Hall 22 Stand B30/1

Company information:

Nitta Industries Europe GmbH was established in 1991 and is based in Düsseldorf, Germany. It is part of Nitta Corporation, headquartered in Osaka, Japan, which was founded in 1885 as Japan's first manufacturer of power transmission belts. From early on, Nitta expanded its activities into other industrial products. Today, Nitta is a leading manufacturer of industrial belting, conveyor systems, air filtration, engineered rubber products, plastic hose and tubing,



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industrial wipers and mechatronic sensor systems. Nitta's products can be found in many industries including logistics, banking automation, paper processing and printing, textile and other industry applications.

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TPR International would be grateful for a copy of the publication with this article.