

# Reducing pollutants

## New manufacturing process for NE belts



Photo credits: iStock.com/piyaset

### Better characteristics – better for the environment

By introducing the new manufacturing process for NE belts, Max Schlatterer GmbH & Co. KG has set a major objective: maximum reduction of pollutants – in order to protect the environment as well as our employees. And the best part is that the newly produced belts will not only keep up with the current characteristics, but they will rather improve with the new manufacturing process!

Even though we will use a slightly softer base material, the belts will offer you significant advantages in comparison to the previous one due to its modern material formulation:

- **higher tear resistance and ultimate elongation, therefore also**
- **higher bending frequencies possible**
- **higher abrasion resistance**
- **higher coefficient of friction**

Our new NE belts show remarkable results – especially on drive applications. This has also been confirmed by several well-known OEMs who tested the belts beforehand.

### “Ground” is the new “Profiled”

It is to say that the future standard NE surface will be “ground” instead of “profiled”. Although you may notice an optical difference, this will not affect the function of the belt or the application itself but it will rather have positive effects in most cases.

Another modification will also take place in our stock – starting from January 2021, we can offer and confirm belts ex stock available in the new version “both sides ground” instead of “both sides profiled”.

It is though still possible to order belts with a smooth or profiled surface in the future but it will require additional effort to produce them.

## Comparison NE coating material

Coating	Current version	Future version (starting from 2021)
Material	CR (Chloropren Rubber)	CR (Chloropren Rubber)
Colour	black	black
<b>Hardness</b>	<b>75 ±5 ShA</b>	<b>62 ±5 ShA</b>
<b>Standard surface</b>	<b>profiled</b>	<b>ground</b>
other surfaces	ground or smooth	profiled or smooth
<b>Environmental compatibility of the production</b>	<b>medium</b> (high quantities of solvents necessary for the manufacturing process)	<b>high</b> (no or only small quantities of solvents necessary for the manufacturing process)
Antistatic	yes	yes
<b>Coefficient of friction</b>	<b>medium</b>	<b>high</b>
<b>Abrasion resistance</b>	<b>medium</b>	<b>high</b>
<b>Tear resistance</b>	<b>medium</b>	<b>high</b>
<b>Elongation</b>	<b>medium</b>	<b>high</b>
Temperature resistance	unchanged (details on demand)	
Chemical resistance	unchanged (details on demand))	
Storage	unchanged (see storage instructions)	
Manufacturing dimensions	unchanged (depending on the belt type)	

### Your Esband contact

#### Christian Huth

Sales  
E-Mail: [chuth@esband.de](mailto:chuth@esband.de)

#### Stephan Risse

Sales  
E-Mail: [srisse@esband.de](mailto:srisse@esband.de)