



Wear-resistant belt boosts operational reliability and cuts TCO

Grundfos is the global leader in advanced pump solutions and a trendsetter in water technology.

Sharp-edged problem

As part of our production process at Grundfos, we punch metal roundels with very sharp edges. Our conventional conveyor belts just weren't tough enough to handle the wear and tear that these metal edges caused. As a result, we had to deal with:

- Belt surface damage
- Fragment contamination of the production process
- Risk to product quality

With our conventional belts, the only way to avoid these problems was to purchase and install brand new belts every three months, increasing both our down-time and our operating costs.

Hard-working solution

After consulting with Ammeraal Beltech Modular, we decided to try a different type of conveyor belt – a uni MPB belt made using a special material called **NBWR (Non-Breakable Wear-Resistant)** plastic. At the end of a two-month test period during which we ran the new belt in a full 24/7 production environment, we were very pleased with the results:

- No major surface wear visible
- No contamination of the production process
- No need for any intermediate service or adjustment at all

Better bottom line

It's true that we paid a little more for the extraordinary strength and durability of the NBWR material, but it's worth every penny we spent because, at the end of the day, we're really saving time and money. The uni MPB belt has improved our reliability, safeguarded product quality and reduced our overall operational costs. We're very happy we gave it a try.



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