



## A CLEAN UPGRADE

has transformed the LMD NBR into the cleaning hose with currently best abrasion values

*Food cleaning hoses are subjected to a highly demanding environment during use: they are pulled, bent, dragged over edges, exposed to cleaning agents and much more. The market requires higher resistance of the hose cover under such severe conditions, and Semperit has responded with an impressive upgrade to its LMD NBR cleaning hose. This includes the currently best abrasion values in this field and excellent resistance to commercially available cleaning agents.*



The new generation of the Semperit LMD NBR food-cleaning hose has been on the market since July 2018.

The completely redesigned formula for the external hose cover ensures **significantly reduced abrasion, increased tensile strength and expanded chemical resistance.**

## Criteria when selecting a cleaning hose:

### Media



**Resistance against hot water and diverse cleaning agents** is essential for the hose inner liner in cleaning hoses. In addition, the Semperit LMD NBR hose is also suitable for use with **various liquid foods such as milk**. As a premium hose it is also suitable for **steam** cleaning. The many possible applications make this hose to an all-round talent.

When using the Semperit LMD NBR hose, please follow the [data sheet](#) and the updated [Semperit cleaning recommendations](#) for food hoses with regard to cleaning agents.

## Areas of application



The market requires **BfR and FDA certification** during applications in the **food industry**. The hose inner liners in all Semperit food-cleaning hoses are BfR and FDA certified. Moreover, the white and **seamlessly extruded smooth surface of the hose** inner liner in the Semperit LMD NBR cleaning hose is perfectly suited for use in the food industry.

Cleaning hoses **with a smooth blue cover** on the outside like the Semperit LMD NBR hose are especially suitable for use in the meat processing industry, because less food residue can adhere to the hose. They are also **resistant** to common **food fats and oils**.

Semperit cleaning hoses are also suitable for many uses outside the food industry. For example, in the paper industry, where a particularly high degree of cleanliness in production is required, coloured cleaning hoses are preferred to black ones.

## Handling



Food-cleaning hoses are subjected to a highly demanding environment during use: they are pulled, bent, dragged over edges and exposed to cleaning products. Accordingly, the outer hose cover must meet high quality characteristics.

The new Semperit LMD NBR hose currently has the **lowest material wear values for the outer hose cover** in its class.

The **improved resistance to cleaning agents** and the **optimised tensile strength** ensure that even heavily used cleaning hoses have a long service life.

In addition, **the braided reinforcement** ensures **tight bending radii and high kinking resistance**. All this means that the LMD NBR hose is robust and flexible in use.

## Price-performance ratio



Semperit food-cleaning hoses have a very good price-performance ratio. This is especially valid for the **high-end Long Length LMD NBR hose**, which meets all the quality requirements of a good cleaning hose – for example, a burst pressure of 60 bar. At the same time, the hose also benefits from the advantages of the Long Length production method. For example, hose lengths of **60 metres** are also possible. The market benefits from a price advantage, because of the high cost efficiency of this production process.

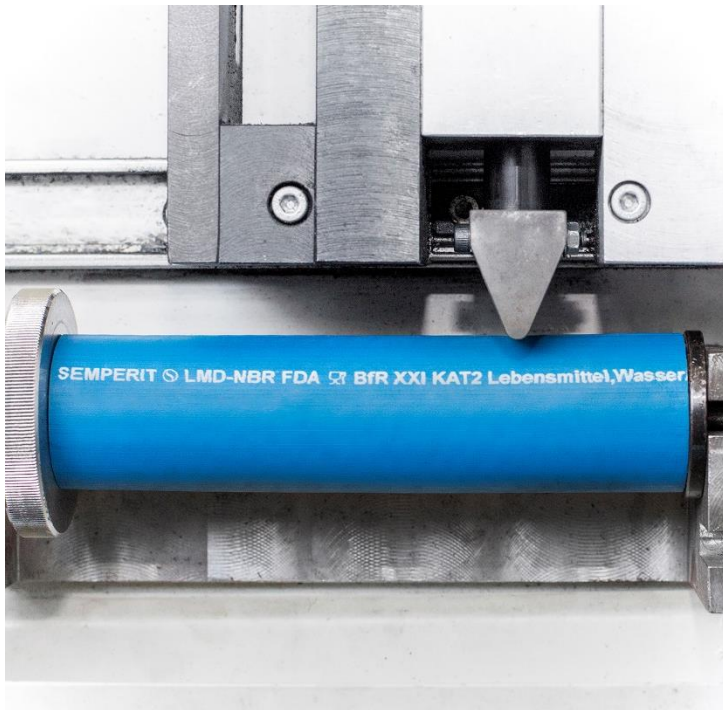


Jan Rysanek of Semperit explains:

*“We have met the growing market demands with the new **LMD NBR** hose by further developing the rubber compound for the hose cover. This has enabled us to achieve significant improvements in abrasion resistance. In addition, we have optimised the tensile strength and the resistance against further commercially available cleaning agents.*

*This makes the LMD NBR hose to the European Long Length food cleaning hose with the currently best hose cover abrasion values.*

*A further customer advantage is that the LMD NBR hose is readily available as a Semperit stock item.”*



The abrasion test on the LMD NBR hose in the Semperit laboratory shows the currently lowest material wear values in its class.



The test at the Semperit laboratory confirmed the excellent chemical resistance of the new LMD NBR hose.

There are many diverse applications of food cleaning hoses; find a suitable cleaning hose to meet your needs on our [website](#) or [contact our team](#) for expert advice.



Choosing a food cleaning hose from Semperit, you can rely on the **consistent high quality of Semperit** and compliance with the demanding requirements of **BfR and FDA certification**.



The [LMD NBR data sheet](#) provides all important facts about our further enhanced bestseller among food-cleaning hoses at a glance.