



# ÖLFLEX® CONNECT CHAIN

Cable chain systems from LAPP



ÖLFLEX® CONNECT CHAIN – cable chain systems from LAPP help to reduce effort and costs. Benefit from know-how of our system engineers and rely on efficient, innovative and reliable solutions from one source. Through our products you protect your cables with every movement and in this way you extend their lifetime.

## Your advantages at a glance



**Technical expertise:** Use the know-how of our experienced system engineers. You will also find the right cable chain solution for your needs.



**Lower costs:** Using ÖLFLEX® CONNECT CHAIN there is no need for you to invest in your own production facilities. You benefit from our tools and equipment, which we always keep up to date.



**Everything from one source:** Instead of a variety of suppliers you have only one contact person. We offer you all solutions around the topic cable chains.



**Less stock:** We deliver cable chains and complete assemblies with connectors and hoses, instead of single items. This is how you keep your stock low.



**Highest scalability:** With us you can flexibly respond to increases in demand.



“At LAPP, customers are always our top priority. With ÖLFLEX® CONNECT CHAIN our system engineers develop a customized cable chain solution for everyone, which reduces effort and cost.”

Pavla Borovianova,  
Market Manager ÖLFLEX® CONNECT

Robust and flexible

# The right material for all applications

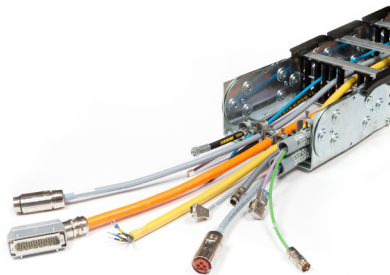
We use different materials for our cable chains depending on the handling and requirements. All chains are available open or closed and are suitable for applications where cables are freely suspended, sliding or moving in a circular motion.

## Nylon cable chains



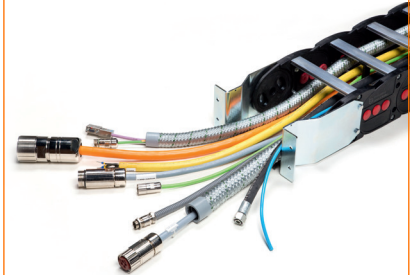
They are standard in most production halls. Chain links are made of a composite material based on polyamid PA 6 (BRYLON 6).

## Steel cable chains



In cold or heat: The steel cable chain is extremely resistant. Their chain links are made of steel, i.e. galvanized steel or stainless steel.

## Hybrid cable chains



They withstand particularly harsh environments and increase the lifetime of the chain: Hybrid cable chains consist of nylon and aluminum or steel parts. For example, the sidebands of the cable chain are made of nylon and the frame of aluminum.

From basic to extended

# Features for your cable chains

It's the inner values that count: We equip our cable chains according to your needs with connections, cables and plugs. Choose from three versions.



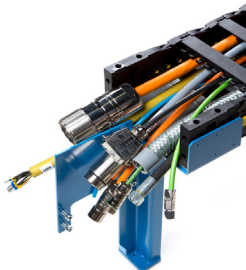
## Basic Chain

In the basic version, you receive a cable chain made of nylon or steel, plus protective hoses and pneumatic or hydraulic hoses. The Basic Chain is supplied without connectors and is particularly suitable for limited spaces that do not allow any pre-assembled plug connections.



## Core Chain

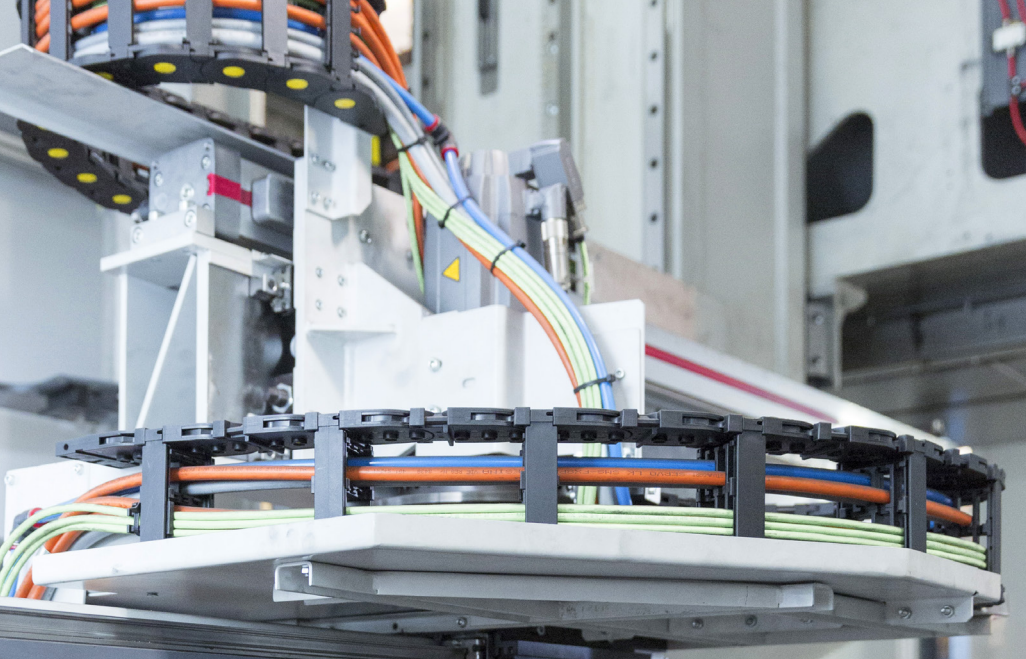
You receive a cable chain made of nylon or steel, which we equip with cables, protective hoses, pneumatic or hydraulic hoses. In addition, the cable chain is provided with fully assembled connections.



## Extended Chain

We provide you with a cable chain made of nylon or steel with cables, protective hoses, pneumatic or hydraulic hoses. In addition you receive a pre-assembled cable chain system with connections and functional units such as towing arms and supporting structure.





“Today, we purchase complete energy chain solutions from LAPP, the chains are ready for direct installation; and obviously, this makes our production workflow considerably faster and more efficient.”

**Vojtěch Frkal,**  
Technical Director of TOSHULIN

## Customer reference

# Customized solution for TOSHULIN

### The customer

TOSHULIN develops and manufactures high-quality vertical lathes in the Czech Republic. In contrast to normal lathes, the spindle rotates around a vertical axis, like on a carousel or a record player. On these machines, workpieces with diameters of several metres can be drilled, turned, milled and ground. During production, the highest level of accuracy is essential.

### The challenge

Cable chains are used for the power supply of all moving axes of the drilling machines. However, there is only limited space available. Making matters worse: due to the increasingly complex automation process, many cables are required in the cable chain.

### The solution

LAPP engineers inspect the existing cable chains on site and verify the requirements. They then develop custom-fit nylon and steel cable chains from LAPP's SILVYN® CHAIN portfolio for the restricted space – including FD cables and hydraulic hoses. Due to the complete assemblies, TOSHULIN requires less stock for components, which in turn simplifies logistics. Furthermore, cutting losses are reduced and assembly times are diminished. All in all, the company thus significantly increases the efficiency of its production.

## ÖLFLEX® CONNECT CHAIN configurator

# In a few steps to your cable chain

The ÖLFLEX® CONNECT CHAIN configurator makes it easy to put together the cable chains you require. Our tool automatically eliminates all sources of error and incorrect cables and always finds the right solution – tailored to your needs.

Configure your cable chain system easily and conveniently online. Our ÖLFLEX® CONNECT CHAIN configurator guides you step by step through the selection of chains, cables and accessories. In the process, the tool ensures that all components fit together and that the bending radius is maintained within a

specified range. The configurator also includes dividers and shelves on request. The weight of the cables is always evenly distributed in the cable chain. After completing your configuration, you'll receive an individual offer from us. Purchase your cable chain either fully equipped or in individual parts with cables cut to size.



Configure your cable chain here or go to:  
**[chainconfigurator.lapp.com/index.php/en/](https://chainconfigurator.lapp.com/index.php/en/)**

## Contact us!

At LAPP, you get top-quality cable chain systems. Our experts are happy to advise you personally and can offer integrated solutions that are tailored to your needs. They will answer all your questions about our products and deliveries.

Find out more about **ÖLFLEX® CONNECT CHAIN**  
[www.lapp.com](https://www.lapp.com)

### Find out more today!

Would you like to learn more about our cable chain assembly products?



You can find more information at:  
**[www.lapp.com/en/de/e/000331](https://www.lapp.com/en/de/e/000331)**