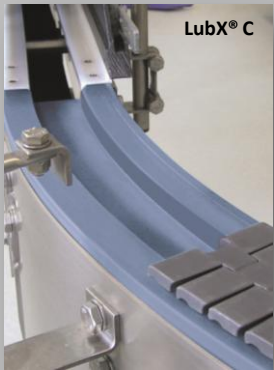


In 2012 Röchling Engineering Plastics introduced LubX® C, a sliding material for the conveyor industry. LubX® C's sliding properties have been optimized specifically for its respective sliding partners.

In addition, Röchling Engineering Plastics has now developed LubX® CV: Especially for systems to be operated at higher speeds and therefore higher productivity. LubX® CV has **exceptionally good sliding properties** and at the same time exhibits a **very low temperature development**. Both results in **lower wear** and a **longer lifespan** of the entire system.

LubX® C

A high performance material which has outstanding dry-running properties at their disposal. It has been especially developed for applications in material handling and automation technologies. Compared with conventional sliding materials, conveying systems equipped with LubX® C need considerably less energy. The considerably lower coefficient of friction of LubX® C eliminates the possibility of the slip-stick effect (back sliding) almost completely and thus increases process stability.



Properties of LubX® C

- Coefficient of friction up to 75% less than standard UHMW-PE
- Outstanding dry-running properties
- Energy saving
- FDA Compliant
- Noise reducing
- Eliminates the slip-stick effect (back-sliding)



LubX® CV

Especially for systems to be operated at higher speeds and therefore higher productivity. LubX® CV has exceptionally good sliding properties and at the same time exhibits a very low temperature development. Both results in lower wear and a longer lifespan of the entire system.

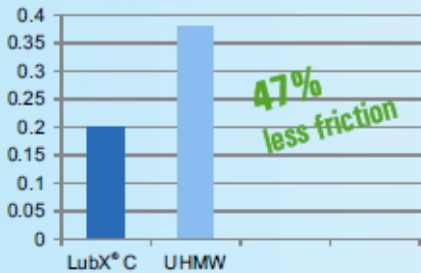


Properties of LubX® CV

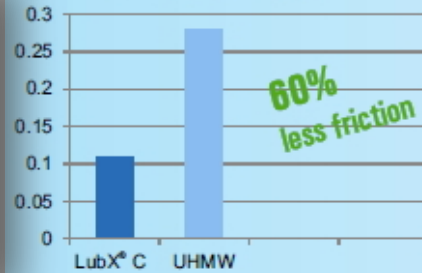
- Excellent sliding properties even at higher velocities and pressure loads
- Excellent dry running properties
- High wear resistance
- Food Compliance according to 10/2011/EU, 1935/2004/EC, FDA
- GMP-compliant according to 2023/2006 EC
- Good machinability



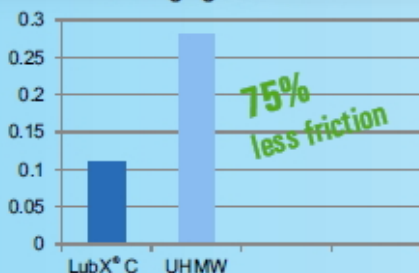
Sliding against PET



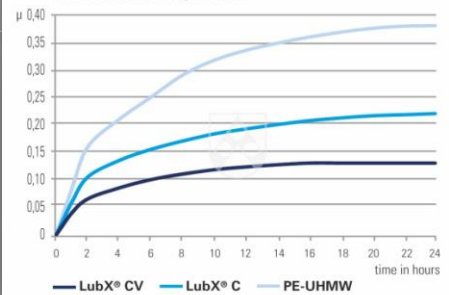
Sliding against Steel



Sliding against Acetal



Coefficient of Sliding Friction



Contact your Cope Plastics Representative:

(800) 851-5510

www.copeplastics.com

