

Coperion wear material C-Rock. Highest wear protection and maximum durability of ZSK extruder barrels.

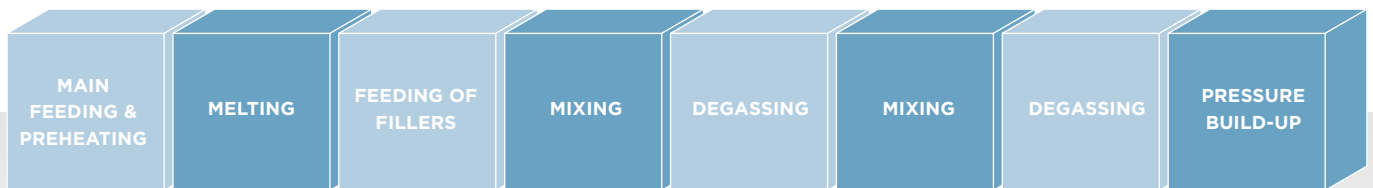
➤ The solution for maximum protection against abrasion and corrosion: C-Rock ensures maximum service life of ZSK extruder barrels.

The new C-Rock wear material is characterized by its highly wear and corrosion resistant matrix with specially selected hard material components. It is applied to product-contact parts of the ZSK extruder barrels using a **technologically advanced manufacturing process**. The result is a completely **homogeneous, closed surface** screw channel and **first-class adhesion** of C-Rock to the base material.

C-Rock gives the highest protection against abrasion and corrosion to the barrels of Coperion ZSK extruders. It allows for highest productivity even in difficult applications with aggressive products and extends the life of the barrels.

C-Rock is particularly effective in heavily stressed areas of the process section such as in the **melting zone**, when **mixing** in abrasive particles, fibers or powders, and in the **pressure build-up zone**. These zones are when C-Rock is most worthwhile to apply, keeping barrel wear to a minimum and ultimately increasing the efficiency of the entire extrusion line significantly.

- > Coating thickness of 1.5 mm
- > First-class adhesion of the coating to the base material
- > For closed standard barrels
- > For extruder sizes ZSK 70 and ZSK 92
- > Available as directly coated barrels and liners
- > Retrofitting of liner barrels with C-Rock possible



Recommendations for C-Rock

For compounding PA, PBT, PP, HT plastics with glass and carbon fibers, ceramic masses, metal masses and powders

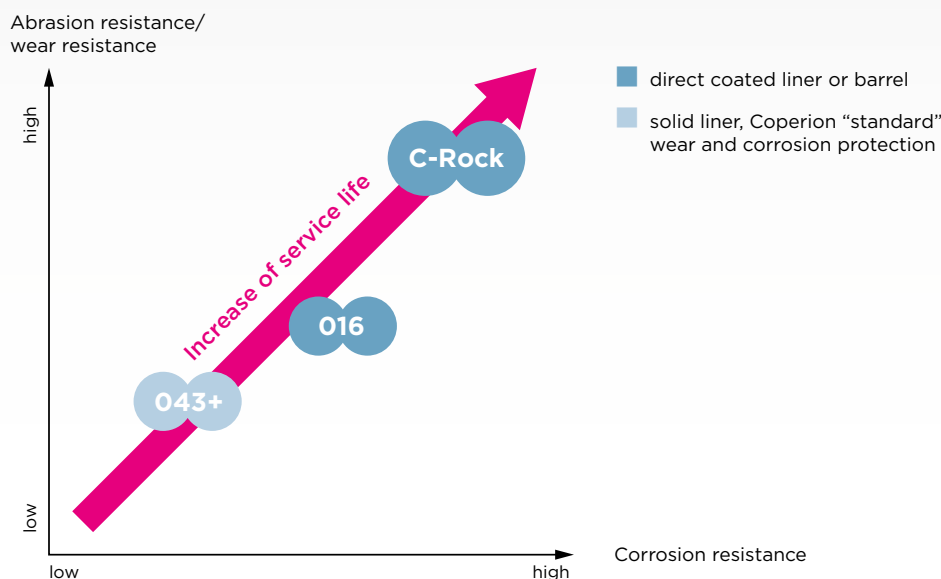
For extruder barrels in the melting, mixing and pressure build-up zones of the process section

Advantages of C-Rock at a glance

Highest abrasion and corrosion resistance material for ZSK barrels

Maximum service life of ZSK extruder barrels

Increased ZSK system efficiency due to lower maintenance effort and less downtime



Your contact:
 Carsten Benz
 Tel.: +49 711 897-2580
 carsten.benz@coperion.com

Coperion GmbH
 Theodorstrasse 10
 70469 Stuttgart
 Germany
 www.coperion.com