

Series 500

Coatings made in Germany - since 1960

ELASTOMERIC COATINGS FOR CLAMPING- / GRIPPING TOOLS



Wear-resistant, pharmaceutically approved, **seamlessly** spray applied soft coatings for **sensitive to touch surfaces** on single- / multi-jaw clamping systems, workpiece carriers or handling grippers

- Protecting from scratching / marking
- Grip improving up to $my(0) = 0.7$
- Accurate to contours / abrasion resistant / impact damping
- Electrically insulating / disinfectable

FDA
Certified pharmacy
quality as per CFC
177.1680 (title 21)



- Clamping / Gripping tools
- Multi jaw grippers
- Holding pliers
- Clamping pads /-plates
- Vacuum lifters
- Workpiece carriers
- Tension bars
- Clamping mandrels
- Forklift attachments

MetaLine[®] Series 500 is a rubber-like coating for clamping applications that can be **individually** adapted to the physical needs of the gripping situation:

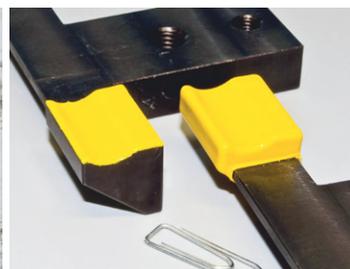
- HARDNESS
- STATIC FRICTION (STICTION)
- SURFACE TEXTURE
- THICKNESS & COLOR

are varied in order to manipulate dry or oily workpieces **without damage**. In addition to the high static friction, the elastic surface properties with its perfect contour closure, ensure secure fixation and better **load transmission** than uncoated grippers.

Suitable for almost all base materials incl. aluminium, stainless or 3D printed parts!

The coating compound is sprayed on **seamlessly and with precise contours** in several thin layers using a high-pressure spraying process at approx. 140 bar (2,000 psi). This is typically done under rotation of the part. The coating thickness should be at least 1 mm (40 mils) in order to build up a sufficiently durable compression reservoir.

Contract work is usually carried out in about 5 working days. Depending on workshop availability, **express handling** is also possible for an additional surcharge.



MetaLine[®] Series 500

Approved, certified and in use at the leading European robotic & automotive manufacturers

MetaLine Surface Protection GmbH | DE-71157 Hildrizhausen (Germany) | Robert-Bosch-Str. 5-11
Tel. +49 (0)7034 3100-0 | Fax +49 (0)7034 3100-5 | www.metalline.com | info@metalline.de

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