

ROLLER COATED WITH NICKEL-PHOSPHOROUS:

Ø UP TO 300 MM, LENGTH UP TO 2000 MM, NiP > 1 MM



Left: steel roller prepared for Nickel-Phosphorus coating
Right: roller coated with 1 mm Nickel-Phosphorus

ELEKTROFORM provides large rollers coated with Nickel-Phosphorus for high-precision surface finishing.

By means of SPDT surfaces can be machined down to nanometer-scale. Excellent for:

- micro-structures and lattice textures
- embossing of high-precision surfaces for displays

How can we support your needs?

ELEKTROFORM is the market leader for *electroplating* large rollers with Nickel-Phosphorus.

What are the benefits of our experience in this high-tech process?

- Deposit thickness more than 1 mm Nickel-Phosphorus
- Max. diameter: 300 mm;
- Max. length: 2000 mm

Characteristics of the Nickel-Phosphorus Coating made by ELEKTROFORM:

- Hardness DPH (Vickers) 580 – 620
- Approx. 12-14 % Phosphorus
- Amorphous
- Diamagnetic
- Low ductility