Decorative PVD Coating for Cutlery

Best Practice

The cutlery is coated in metal using the PVD method which uses vacuum deposition. It’s a method of decorative surface treatment that has been used for decades in the watch and jewellery industries and, being completely food-safe, it can also be used on cutlery.

- Any WMF Cromargan® cutlery model can be coated in the four PVD colours.
- **Production Technology:** PVD = Physical Vapour Deposition. The coating is applied using vacuum deposition, which means that articles with hollow cavities cannot be coated (e.g. hollow-handled knives). The various colours are the result of different chemical compounds in the coating.
- **Available Colours:**
  - gold
  - pale gold
  - copper bronze
  - gun metal

- **Thickness of Coating:** approx. 0.8 μm (Micrometres): Experience and tests have shown that a thickness of between 0.5–1.0 Micrometres guarantees the best adherence of the coating and is therefore ideal for daily use. To compare: 30g silver-plating = 12–15 μm (Micrometres). Despite its hardness, the coating does not prevent scratches or signs of wear.
• **Special Tips:**
  - Owing to technical limitations, hollow-handled knives cannot be PVD coated (see Production Technology).
  - Coated blades can leave marks on porcelain. Use porcelain cleanings products to remove marks as caused by Cromargan® cutlery.
  - Coated blades cannot be re-sharpened.

• **Care and Cleaning:**
  - PVD cutlery is dishwasher-safe.
  - DO NOT machine polish!
  - When cleaning by hand, do not use any abrasive materials as they can scratch the surface.
  - Fingerprints will be left on the surface after use. To remove these, simply use a polishing cloth or rinse with hot water and rub dry with a kitchen towel or cloth.

• **Processing and Price Calculation:**
  - Analogue Made-to-Order Cutlery Engraving
  - Average Value for Price Calculation:
    - PVD gold ~ List Price 30g Silver Plating
    - PVD miscellaneous ~ List Price 30g Silver Plating + 40%

• **Delivery Time:** approx. 5-6 Weeks after the order has been received.