

PVD Coatings for Metals and Plastics by Oerlikon Metaplas





PVD Coatings

Increase performance and extend tool life through our extensive portfolio of PVD Coatings. We offer well-established, standard coatings that are appropriate for most applications. We can also develop customized coatings to satisfy unique application conditions.



Standard Coatings

Standard PVD coatings provide excellent adhesion, hardness, and wear resistance for your tools and components. This coating method is well-established in many industries.



Customized Coatings

To boost your tool life and performance, Oerlikon Metaplas is continuously developing tailored PVD coatings with innovative structures and architectures. We provide state-of-the-art solutions to meet demanding application requirements.



Physical Vapor Deposition (PVD) Coatings

Extend your tool life and increase your products' performance with our Physical Vapor Deposition (PVD) coating. We offer a wide range of industry-proven standard coatings as well as customized coatings designed to meet your specialized requirements.



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PVD Coating Applications

All industries can benefit from improved efficiency, whether focused on a specific tool or for an entire production system. Our PVD coating solutions increase uptime, reduce maintenance, extend tool life, and boost performance without affecting critical substrate properties.



PVD Coating Process

Improve the performance of your tools and components with coatings applied using our PVD processes. We offer both arc and sputter deposition processes, which gives us the flexibility to tailor coating characteristics for a wide range of industrial-scale applications.