

Oerlikon Metco Expands Access to MetcoMed™ Materials via MyMetco Webshop

Westbury, NY – March 2, 2026 – **Oerlikon Metco further advances medical additive manufacturing by making its MetcoMed™ materials portfolio for powder bed fusion available for immediate purchase via MyMetco, Oerlikon’s digital webshop. This expanded access supports medical device manufacturers seeking reliable, high-performance materials with streamlined sourcing and global availability.**

Engineered specifically for laser beam powder bed fusion (LBPBF), MetcoMed™ materials are designed to meet the demanding mechanical, biological, and process requirements of orthopedic and dental implant production. With controlled chemistry, optimized particle size distribution, and rigorous quality standards, the portfolio supports consistent processing and scalable additive manufacturing.

The MetcoMed™ portfolio includes two medical grade alloys:

MetcoMed™ Ti64 G23-C, with a particle size distribution of $-53+20\ \mu\text{m}$, is a titanium alloy based on Ti6Al4V, offering excellent biocompatibility, high strength, good ductility, and corrosion resistance. Optimized for LBPBF, the material delivers a tensile strength of over 1000 MPa at 10% elongation and provides a direct drop-in feedstock solution for most powder bed fusion systems.

MetcoMed™ CoCrMo F75-A, with a particle size distribution of $-45+15\ \mu\text{m}$, is a cobalt chromium molybdenum alloy designed for demanding implant applications such as dental restorations and total hip and knee replacement components. The material combines high strength and ductility with low carbon content preferred for implant use, achieving a tensile strength of 1050 MPa with 35% elongation, and features a particle size distribution tailored for consistent LBPBF performance.

“Medical additive manufacturing requires materials that perform consistently—not only in the final implant, but throughout the entire production process,” said Colin McCracken, product manager for biomaterials and titanium at Oerlikon Metco. “With MetcoMed™, customers benefit from application specific materials backed by decades of materials science expertise and proven industrialization capabilities. And now we are excited to offer our customer the convenience to source these products through MyMetco webshop”.

By offering MetcoMed™ materials through MyMetco, Oerlikon Metco offers an integrated sourcing solution for medical grade additive manufacturing materials supported by its global manufacturing and distribution network. MetcoMed™ materials are available for immediate purchase via MyMetco—interested buyers simply need to log in at mymetco.oerlikon.com to access their regional offerings. Existing customers can access MetcoMed™ materials through their MyMetco account.

With more than 85 years of materials expertise, Oerlikon Metco supports customers from development through serial production. Sustainability is a core element of Oerlikon’s business strategy, and MetcoMed™ materials are developed and produced in line with the Group’s commitment to responsible operations, resource efficient manufacturing, and continuous improvement across the value chain.

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About Oerlikon Metco

Oerlikon Metco is a global leader in surface technologies and advanced materials, offering a comprehensive portfolio of metal powders for additive manufacturing. As part of the Oerlikon Group, the company combines deep materials expertise, industrial scale, and sustainability leadership to support customers from innovation to full scale production.

About Oerlikon

Oerlikon (SIX: OERL) is a global leader in surface technologies and advanced materials. With a unique portfolio spanning surface engineering, high-performance materials, coating equipment and components, we make products better by enhancing performance, efficiency and sustainability. Oerlikon serves a wide range of industries, including aerospace, automotive, energy, medical, luxury, semiconductors and tooling. Headquartered in Pfaeffikon, Switzerland, Oerlikon operates in 38 countries with approximately 9,500 employees, achieving sales of CHF 1.6 billion in 2024.