



MEDCOAT™ MEETS LATEST ISO STANDARDS FOR SENSITIZATION NAMSА Evaluated Coating Under New Testing Parameters

CLEVELAND – MEDCOAT 2000™, a biomedical chrome coating for medical devices, meets the newest ISO standards for sensitization. New ISO test parameters now require the evaluation of coating performance in oil rather than saline. The Electrolizing Corporation of OHIO, developers of MEDCOAT 2000, engaged NAMSА (North American Science Associates, Inc.) to perform tests on the proprietary coating. The results affirmed that MEDCOAT 2000 did not induce delayed dermal contact sensitization in living animal tissue.

MEDCOAT 2000 has been extensively tested for biological compatibility. All independent test results have concluded that this coating meets or exceeds internationally accepted standards for biomedical applications. The coating produces no systemic toxicity; no localized tissue reaction; and no irritation to human tissue – and therefore meets USP Class VI toxicity requirements. It also passes all ISO/Tripartite test conditions.

The physical properties of MEDCOAT 2000 also have been thoroughly tested. In these trials, the coating's wear resistance was 1,400% greater than uncoated stainless steel samples and significantly higher than standard chrome plate. With a lubricity approaching that of Teflon®, MEDCOAT 2000 demonstrated exceptional adhesion, with no separation or peeling from the basis metal. The physical characteristics of products coated with MEDCOAT 2000 are so greatly improved that medical devices survive repeated autoclaves with no discoloration or loss of lubricity. Physical characteristics, including ultra-lubricity and superb wear resistance, make MEDCOAT 2000 a value-added coating that enhances performance and prolongs service life.

“The Electrolizing Corporation of OHIO specializes in medical coatings,” said General Manager Bill Loucks, “and MEDCOAT 2000 represents our commitment to developing new and better products for the medical device industry. We also place great emphasis on the independent testing of our coatings. Our customers can be assured that they meet the latest and most stringent standards for quality, biocompatibility and performance.”

The Electrolizing Corporation of OHIO was established in Cleveland in 1948 to provide quality metal finishing. Today, the company specializes in custom and proprietary coatings for the medical device, aerospace, electronics, automotive and commercial industries as well as the military. For more information, go to www.electrohio.com or www.medcoat2000.com.

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