



**NORTHEAST LASER  
& ELECTROPOLISH**

*Your One-Stop Source*

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## Northeast Laser Offers Laser Abrasion Services as an Alternative to Bead Blasting

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Laser abrasion provides significant benefits for adding texture to limited areas of tubing or other round stock products versus traditional bead blasting. Northeast Laser is able to offer these services cost effectively using high speed lasers and semi-automated parts handling equipment. Laser abrasion is particularly well suited on parts made from thin wall or ultra thin wall tubing. The process is non-contact and will not deform delicate tubing walls. In addition, the process yields far superior torsion and pull-out strengths for over-mold applications at the same measured surface finish values when compared to glass bead blasting. Surface finish measurements are consistent part to part and throughout the entire abraded area, and the process will hold tight location tolerances for the start and end locations of the abrasion. There is no custom tooling required, setup times are short, and the process does not carry the risk of impregnating contamination into the material surface.

Northeast Laser and Electropolish provides laser marking, laser welding, laser cutting, electropolishing and passivation services to a wide range of companies throughout the United States and abroad. The company is well known for quick turnaround, high quality, outstanding customer focus, and the ability to take on both high and low volume projects, whether technically routine or challenging.