



Harsh environment bar-codes, 3D bar-codes, permanent bar-codes & embedded bar-codes are all ways to define a process of directly marking a part or product with a machine readable data symbol. Perma-Code has perfected several direct part marking methods that create non-invasive 3D bar-codes. These marking methods are designed to create bar-codes that last the life of the part and withstand the most punishing environments.

The Perma-Code embedded bar-code solutions are centered around the use of sequentially encoded stencils that are used to create a mark directly on the part. The stencil materials and their sizes are tailored to each individual application.

There are three types of Perma-Code applications.

This web-site has great close-up images of the various)



Click for Close-Up Views

Point of Cast Metal Bar-Codes

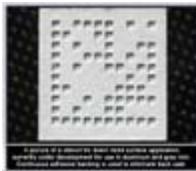
- [Sand Casting](#)
- [Lost Wax of Casting](#)
- [Lost Foam Casting](#)



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Thermal Sprayed Bar-Codes

- [Electric Arc Spray](#)
- [HVOF Spray](#)
- [Sprayed & Fuse](#)
- [Polymer Spray](#)



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Molded Bar-Codes

- [Compression Molding](#)
- [Epoxy Molding](#)
- [Fiber Insert New Build](#)
- [Fiber Insert Retrofit](#)
- [Permanent Mold Casting](#)
- [Metal Staining](#)

Perma-Code

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