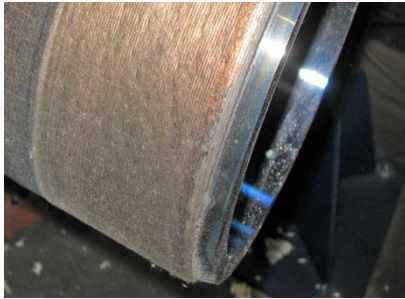


DuraStell™

... is a family of high performance metallic coatings for use in critical applications where corrosion and wear limit part life and reliability, and where conventional alloys and application methods cause excessive part distortion or degradation of high performance base materials. The coating can be provided with short turnaround through the network of local Deloro Stellite facilities in strategic locations around the world.



Slip-on wear bands welded with minimal distortion



Heat-sensitive high strength non-magnetic materials can be safely coated



Stabilizers and other complex shapes can be addressed by precision CNC equipment

Standard Coatings Available:

- **Stelcar 9570:** 65% spherical wc in a proprietary nickel matrix
- **Stelcar 9582:** non-magnetic 65% spherical wc in a proprietary nickel matrix

Coating Characteristics:

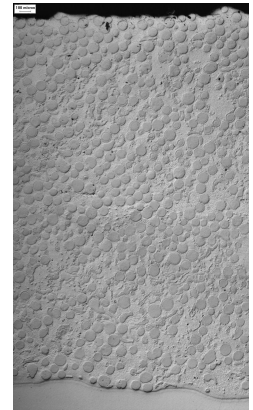
- Ability to weld heat-input-sensitive materials
- Low distortion on finished or machined components
- Low dilution
- Excellent as-welded surface finish
- Low distortion of components due to low heat input
- Control of as-deposited thickness to +/- 0.3mm to minimize grinding
- Excellent abrasion wear resistance

DuraStell™ Advantages:

- Fully dense coating for excellent corrosion resistance
- Metallurgical bond to substrate = no spalling of coating
- Competitive with laser or HVOF applications
- Ability to coat inside diameters as small as 6"
- Carbide types, amount, and matrix chemistry can be developed to meet application and economic requirements



Metallurgical bond



Minimum carbide dissolution
Uniform hard particle distribution

Deloro Stellite North American Coating Services Locations

<p>Houston 16536 Air Center Blvd. Houston, Texas 77032 (281) 214-0755</p>	<p>Goshen 1201 Eisenhower Drive North Goshen, Indiana 46526 (574) 533-3322</p>	<p>Montreal 19300 Clarke-Graham Ave. Baie d'Urfé, Quebec H9X 3R8 (514) 457-3053</p>
--	---	--