



The Company

PVD Coatings is centrally located in Southern California and offers the highest quality thin film coatings for functional and decorative applications.

The Process

Physical Vapor Deposition (PVD) is a process to produce a metal vapor that can be deposited on electrically conductive material and can be reacted with various gases to produce ceramics like carbides, oxides, nitrides and carbonitrides.

These coatings have excellent adhesion and uniformity on complex shapes. The coating provides corrosion resistance, tarnish resistance and wear resistance.

Metals Deposited

1. Zirconium
2. Chromium
3. Titanium
4. Alloys
5. Gold

Colors

1. Brass Color
2. Gold Color
3. Black Pearl
4. Ti-Gold
5. Bronze
6. Rose
7. Nickel/Chromium
8. Stainless
9. Grey/Anthracite

Hard Coatings

1. ZrN
2. CrN
3. ZrCN
4. CrCN
5. TiZrN

Substrate Material

1. Ni/Cr electroplated Brass
2. Ni/Cr electroplated Zinc
3. Ni/Cr electroplated ABS plastic
4. Graphite Composite Material
5. Glass
6. Polished Aluminum
7. Brushed or Polished Stainless
8. Titanium

Coating Benefits

1. Wear Resistant
2. Corrosion Resistant
3. Chemical Resistant
4. Low Coefficient of Friction
5. Excellent Adhesion
6. Brilliant Finish
7. Bio Compatible
8. High Hardness
9. Will not Chip, Tarnish or Fade
10. Uniform Coating

The PVD coating thickness is between 0.25 microns and 5 microns for decorative finishes and between 1 and 6 microns for functional.

This high technology process is very competitive with lower technology processes like E-coating, Powder Coating and Electroplating.

PVD Coatings delivers quality service in a timely manner. Our standard turn around time is 5-10 working days.

Contact PVD Coatings and learn why we continue to set ourselves apart from our competitors.

PVD Coatings

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