Industrial Hard Chrome Plating

Quality, Efficiency, Reliable Chrome Plating on all metal surfaces!

Hard chrome is an electroplated surface finish that is also known as industrial hard chrome, functional chrome, and engineering chrome. When designing machine components, engineers often combine a base metal, or substrate, with a surface finish to achieve the quality, efficiency, and reliability desired in their product. Of the numerous hard coating surface finishes available, industrial hard chrome plating continues to be one of the most popular.

Over the years, Total Prime has provided electroplating services for a wide assortment of applications in every industry imaginable. Examples hydraulic rods, cylinders, shafts, and numerous other components in various industries. What has defined our chrome plating services is the ability to hold tight tolerances when depositing chromium on all metal surfaces.

Features & Benefits of Hard Chrome Plating:

- Increased hardness of HRC 65-70

- Excellent sliding wear resistance

- Great abrasion resistance

- Low coefficient of friction

- Excellent release properties

- Enhanced corrosion resistance

- High heat mitigation

- Superior bond strength to base metal

Total Prime is one of the few companies that has large hard chrome plating tanks able to accommodate up to 700cm lengths.