



Standard Hard Chrome used on Cylinders for wear or repair.

STANDARD CHROME is a dense, hard, wear resistant and very uniform coating. This coating is used on all ferrous & many non-ferrous metals. These characteristics provide an increase in lubricity & reduction of fatigue limits.

USER BENEFITS

Maximum resistance to abrasion & erosion
Corrosion resistant
Non-Adhesive
Low Coefficient of Friction
Can be applied to Customer requirements

Can Maintain close tolerances & stays very uniform
Increases wear-life of parts
Non-Magnetic
Excellent Anti-seizure characteristics
Will coat total or partial surfaces, sharp edges and complex shapes

PROPERTIES

Size of Cracks
 Melting Point (°C)
 Coefficient of Friction
 Hardness
 Knoop or Vickers (100g. load)
 Rockwell Hardness °C Scale
 Wear Resistance
 Taber Abraser Wear Test
 Wt./loss mg./1,000 cycles
 Falex Wear Test
 Mg.
 Linear Coefficient of Expansion
 Microinch/inch/C
 Thermal Conductivity
 Cal./sq cm./sec./cm. thickness/ °C @ 18 °C
 Thickness Controllability(in.) for .001 deposit
 Smoothness (microinch<10 substrate)

CONVENTIONAL CHROME

Mirco/Continuous
 1875-1920
 0.12-0.16
 850-1000
 62-66

12
12

8.1

.16
.0005



Used on large dies for added wear & anti-galling properties.

APPLICATIONS Molds, Dies, Hydraulics, Feed Screws, Injection Molding and Repair.

