

PALADIN®

ELECTROLESS NICKEL PLATING SYSTEMS

Engineered for corrosion
performance in demanding
applications.

HIGH- AND MEDIUM-PHOSPHORUS
EN TECHNOLOGIES

PALADIN 2012

HIGH PHOSPHORUS

Maximum corrosion protection for the most
demanding applications.

Neutral salt spray (NSS)*	Up to 10,000 hours
Microhardness, as plated	570 – 620 HK
Wear resistance, as plated	9.8 mg / 1,000 cycles

KEY FEATURES

- Up to 10,000 hours salt spray performance
- As-plated hardness equivalent to mid-phos process
- Single-component make-up, self pH-adjusting
- High deposition rate

PALADIN 2000

MEDIUM PHOSPHORUS

Elevated corrosion performance with excellent
deposit properties for general industrial and
aerospace applications.

Neutral salt spray (NSS)*	300 – 400 hours
Microhardness, as plated	(typical medium P)
Wear resistance, as plated	(typical medium P)

KEY FEATURES

- 300–400 hours NSS
- Single-component make-up
- 1:1 AC replenishment
- Fast plating rate

TYPICAL APPLICATIONS



Aerospace
components



Oil & Gas
industry



Parts requiring
high corrosion
protection



Functional parts
and assemblies

**THE RIGHT EN PROCESS
STARTS WITH THE APPLICATION.**



760.453.7367



ronatec.us

*Reported salt-spray performance; results depend on test conditions and application.