

## Acid Zinc-Nickel Rack & Barrel Plating System 12-17%

Dipsol continues to bring innovative surface finishing products to the global marketplace. The IZA-2500 acid zinc-nickel alloy plating system exceeds major OEM requirements in both rack and barrel applications. This high efficiency, ammonia and borate free, single rectifier controlled process, provides a simpler and lower cost alternative to competitive systems.

IZA-2500 is formulated to provide consistent plating thickness and alloy distribution over a wide range of current densities. The zinc-nickel finish is highly abrasion and thermal resistant, making it ideal for underbody or engine bay environments. With the high efficiency of the process, it promotes excellent coverage over difficult substrates such as castings used for automotive brake calipers applications or high strength steel fasteners. The finish also provides excellent ductility properties and is suited for applications requiring post forming operations.

The zinc-nickel deposit provides the highest levels of corrosion performance among the zinc alloy finishes by exceeding OEM CCT qualifications with over 15 years of vehicle corrosion functionality, while providing over 1000 hours to red rust in neutral salt spray testing.






The IZA-2500 finish is fully compatible with Dipsol's IZ-264 clear or IZB-256Y black passivates, along with our available topcoats and friction modifiers.








### Product Advantages

- **Simplified operation with a single rectifier.**
- **Ammonia and borate free.**
- **Lower cost operation using zinc and nickel anodes.**
- **Consistent nickel alloy distribution across a wide current density range.**
- **Major OEM approvals.**
- **Readily accepts clear & black trivalent passivates and topcoats.**
- **Can be set up to provide either bright, semi-bright, or matte appearance.**

## Acid Zinc-Nickel Rack & Barrel Plating System 12-17%

Plating System: IZA-2500 / IZ-264 / Dipcoat CC			
	0	240	720
Appearance			
			
	Specification <b>【Corrosion Resistance】</b> 240hr. <b>Result: Pass</b> No Appearance Change and No White Rust 1000hr. <b>Pass</b> No red rust and no functional failure		

<http://www.dipsolamerica.com>

Plating System: IZA-2500 / IZB-256Y / ZTB-118X			
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### Technical Overview

#### IZA-2500 Rack & Barrel Applications

#### Operating Conditions

Temperature	30-40°C
pH	5.2-5.6
Cathode Current Density	0.5 – 2.0 A/dm <sup>2</sup>
Anodes	Sulfur-Free Nickel & Pure Zinc

For further information please visit our website:  
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