

ZinKlad® 250 F



Powered by consistency for hydraulic fittings

ZinKlad 250 F is a hexavalent chromium-free coating for barrel processing, specifically designed for use on automotive hydraulic fittings. The coating delivers excellent corrosion resistance which extends component life in extremely harsh conditions.

ZinKlad 250 F is based on the success of ZinKlad 250 coating for fasteners; and offers consistent performance. It can be applied to all steel components requiring sacrificial protection. Its primary use is to satisfy fastener engineers' needs for a reliable and cost effective coating.

When it comes to providing protection, automotive engineers rely on **ZinKlad 250 F**.



Features

- Global availability
- Consistent performance
- Excellent corrosion resistance
- Specifically designed for hydraulic fittings

Already on it.



ZinKlad 250 F

Anti-corrosion global quality program

Performance Data

ZinKlad 250 F combines a homogenous metallic zinc deposit of 12 microns minimum thickness, with a high build iridescent passivate and clear topcoat.

The zinc deposits are applied from our **Envirozin** and **Kenlevel** zinc electroplating processes. MacDermid Enthone **TriPass ELV** high build trivalent passivate films imparts a silver- iridescent color, whilst extending corrosion resistance against the formation of white rust.

Enseal topcoats provide increased corrosion resistance. Combined, this combination delivers the excellent corrosion resistance of ZinKlad 250 F barrel applications for hydraulic fittings.

Corrosion Performance (ASTM B-117 / ISO-9227)		
	First white corrosion	First red corrosion
ZinKlad 250 F	198 h	480 h

Plating cycle used to create ZinKlad 250 F coatings	
Zinc	Provides the sacrificial protection
Envirozin	Alkaline, exceptional deposit distribution
Kenlevel	Acid, brightest deposits and fast plating speeds
Trivalent Passivates	Protects the zinc deposit from white rust
TriPass ELV 1500LT	Excellent corrosion resistance, low temperature application
TriPass ELV 2500 LT	Excellent corrosion resistance, iridescent color passivate
TriPass ELV 3300	Excellent corrosion resistance, thick film passivate
Topcoat	Improves corrosion resistance
Enseal 4BRK	Water based inorganic sealant with uniform appearance
Enseal 21	Water based organic sealant with adjusted friction properties
Enseal 26	Water based organic sealant with adjusted friction properties



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ESIA/B016-2020