

ZinKlad® 1000 F

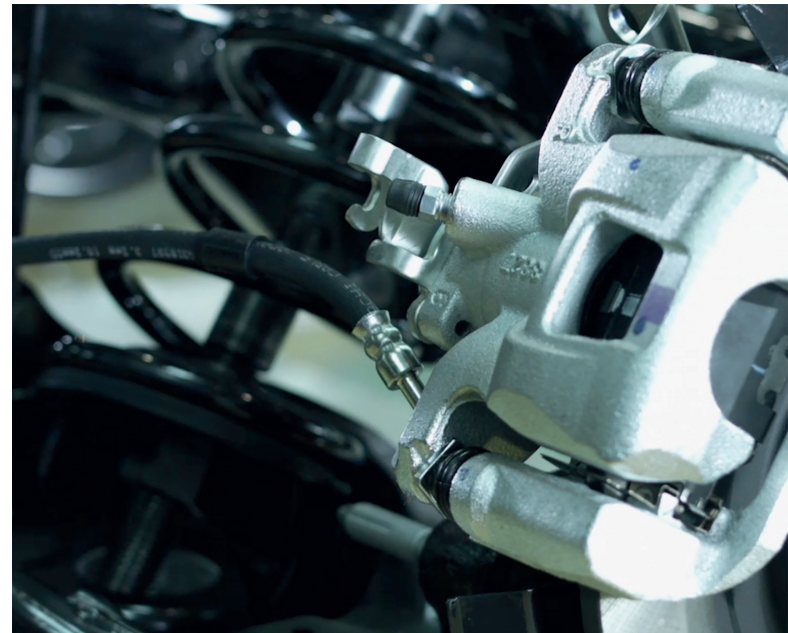


Powered by consistency for hydraulic fittings

ZinKlad 1000 F is a hexavalent chromium-free coating specifically designed for use on automotive hydraulic fittings. The coating delivers excellent corrosion resistance which extends component their life in extremely harsh conditions.

ZinKlad 1000 F is based on the success of ZinKlad 1000 coating for fasteners; and offers consistent performance. It can be applied to all steel components requiring sacrificial protection. Its primary use is to satisfy engineers' needs for a reliable and cost effective coating.

When it comes to providing protection, automotive engineers rely on **ZinKlad 1000 F**.



Features

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

Already on it.



ZinKlad 1000 F

Anti-corrosion global quality program

Performance Data

ZinKlad 1000 F combines a homogenous metallic zinc-nickel deposit of 8 microns minimum thickness, with a high build iridescent passivate and clear topcoat.

The zinc-nickel deposits are applied from our **Enviralloy** zinc-nickel electroplating process. MacDermid Enthone **TriPass ELV 3000** 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 1000 F** for hydraulic fittings.

Corrosion Performance (ASTM B-117 / ISO-9227)		
	First white corrosion	First red corrosion
ZinKlad 1000 F	200 h	1000 h

Plating cycle used to create ZinKlad 1000 F coatings	
Zinc-Nickel	Provides the sacrificial protection
Enviralloy	Alkaline, exceptional deposit distribution
Zincrolyte Ni	Mild acid zinc nickel with high efficiency
Trivalent Passivates	Protects the zinc deposit from white rust
TriPass ELV 3300	Excellent corrosion resistance, thick film passivate
Topcoat	Improves corrosion resistance
Enseal 37 N 5	Water based organic sealant
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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