

GEOMET[®] 500




A unique product for optimal friction and anticorrosion performance



GEOMET[®] 500 is applied to fasteners and many type of metallic parts to protect from corrosion, and it is used in many industries

- Thin dry-film, non-electrolytic, self-lubricated
- Water-based chemistry
- Passivated zinc and aluminium flakes in a binder, patented chemistry
- Chrome free alternative to DACROMET[®] 500
- Metallic silver appearance

Characteristics and performance*

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- Coefficient of friction: $0,15 \pm 0,03$ (ISO 16047)
 - No topcoat required
 - No hydrogen embrittlement
 - Excellent assembly and multi-tightening behavior
 - Good mechanical damage (test method D24 1312, USCAR 32) and chemical (test VDA 621-412) resistance
 - Performance maintained at elevated temperatures (up to 300°C)
 - Paintable coating
 - Electrical conductivity for most application
 - Bimetallic compatibility with aluminum
 - Application cost savings

High corrosion resistance*

Coating Weight	Salt Spray Test (ISO 9227 / ASTM B117)	Cyclic Test
Grade A > 24 g/m ²	> 240 hours without white rust > 720 hours without red rust	25 cycles APGE
Grade B > 36 g/m ²	> 240 hours without white rust > 1000 hours without red rust	6 cycles ACT 50 cycles APGE

* Results may vary depending on substrate, geometry of parts and type of application processes



**NOF METAL COATINGS
GROUP**

