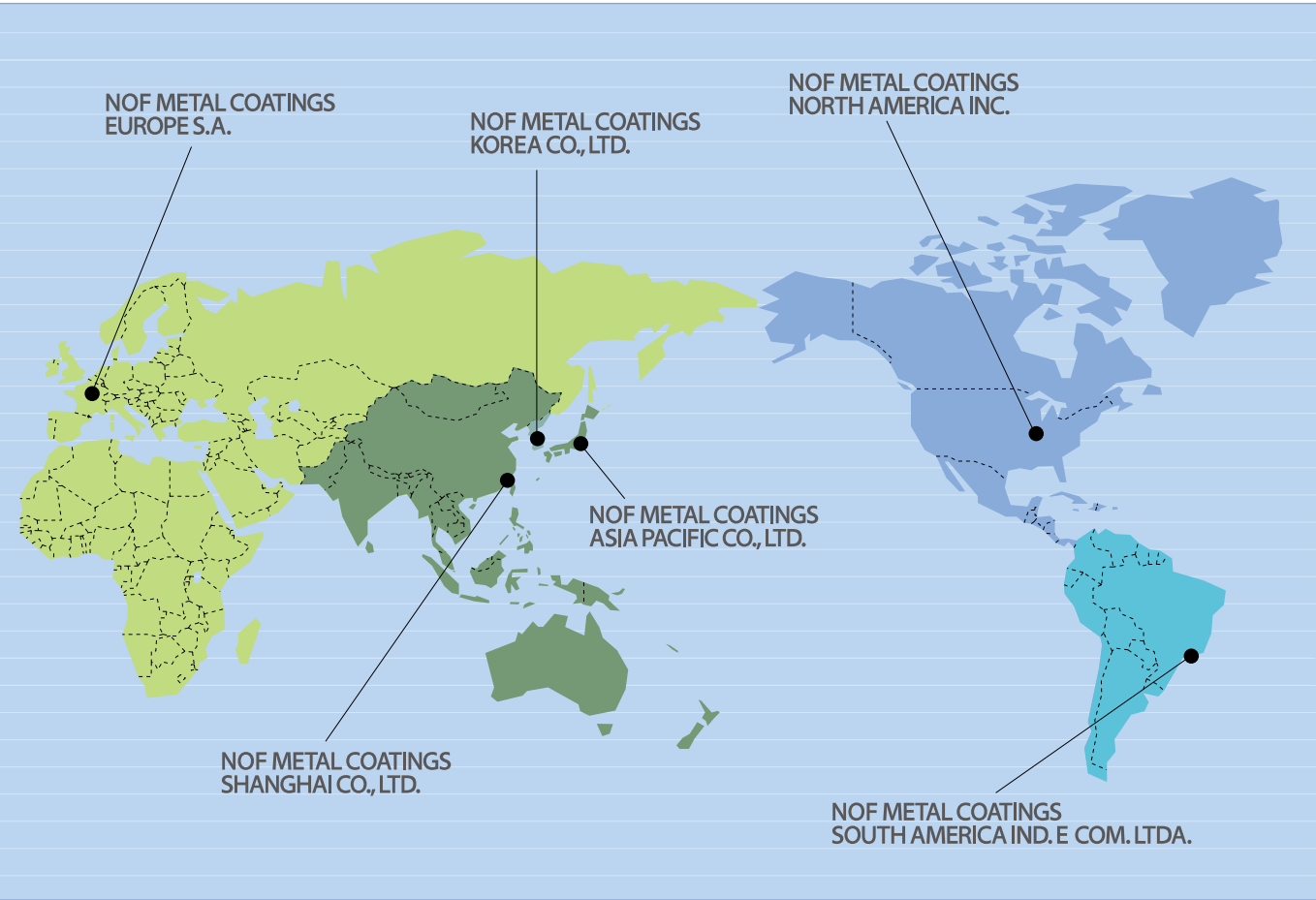


Our coating service is available worldwide

Our customers throughout the world are now operation production facilities globally. We have set up GEOMET® PLUS Series coating lines in the existing GEOMET® coating plants across the world to respond to the coating needs of these multinational companies.



A Note to the Customer

The performance data shown in this catalog was obtained using the internal test procedures of NOF Metal Coatings Asia Pacific Co., Ltd. We shall not guarantee that the user will obtain identical performance levels, under the individual condition of each user

NOF METAL COATINGS ASIA PACIFIC CO., LTD.

Head Office
Address : 3-3 Chidoricho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (in NOF Corporation Kawasaki Works), Japan
Phone : +81-44-280-3017 FAX : +81-44-280-3119
<http://www.nofmetalcoatings.com>
E-mail : sales-ap@nofmetalcoatings.com

Nagoya Office
Address : 8F Nagoya Dia Bldg. 1, No. 3-16-22 Meieki, Nakamura-ku, Nagoya, 4500002 Japan
Phone : +81525618838 FAX : +81525618840

NOF METAL COATINGS SHANGHAI CO., LTD.
Address : 3rd Floor West, Gems Bldg, No.487 Tianlin Rd, Shanghai, China 200233
Phone : +86-21-6120-4020 FAX : +86-21-6120-4021

- NOF METAL COATINGS GROUP
- NOF METAL COATINGS NORTH AMERICA INC.
- NOF METAL COATINGS EUROPE S.A.
- NOF METAL COATINGS SHANGHAI CO., LTD.
- NOF METAL COATINGS KOREA CO., LTD.
- NOF METAL COATINGS SOUTH AMERICA IND. E COM. LTDA.

PLUS series

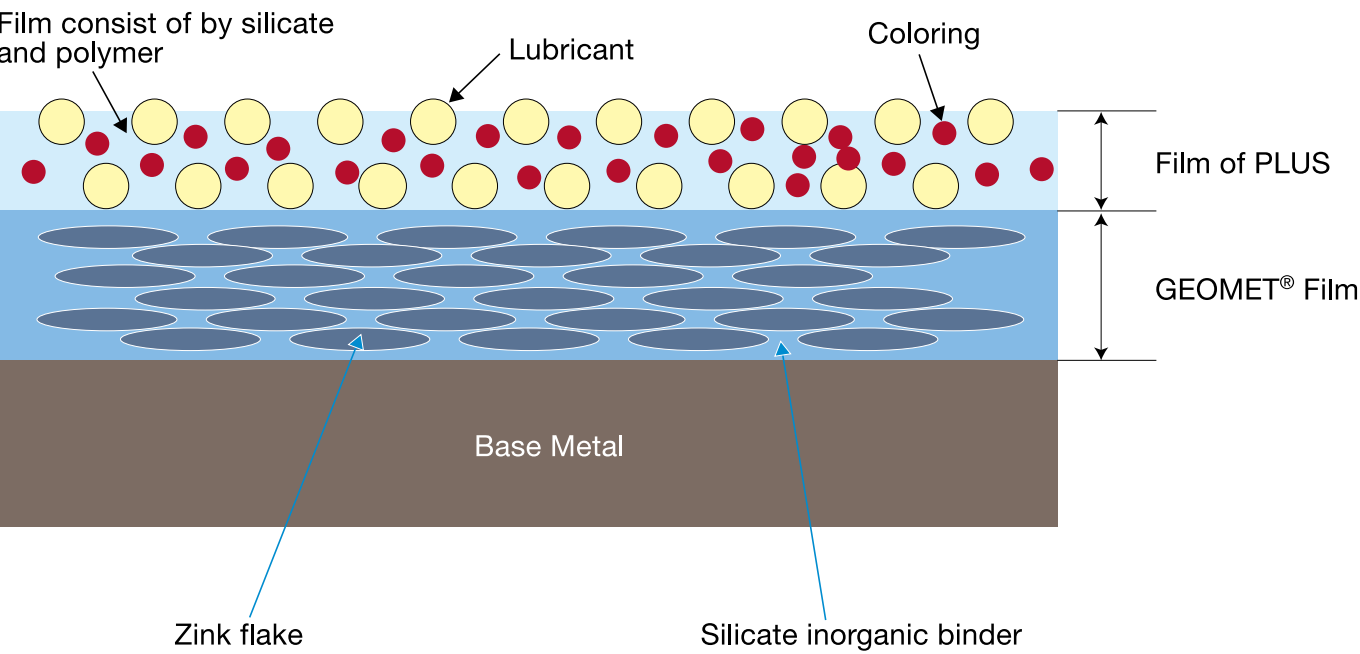
- Water-based, chromium-free friction
- coefficient stabilizer
- For the enhanced performance of GEOMET®
- Improved resistance to galvanic corrosion



Innovation links us together



Film structure of PLUS (for coefficient of Friction Control)



PLUS Series add new characteristics to GEOMET® coatings and improving various coating performance

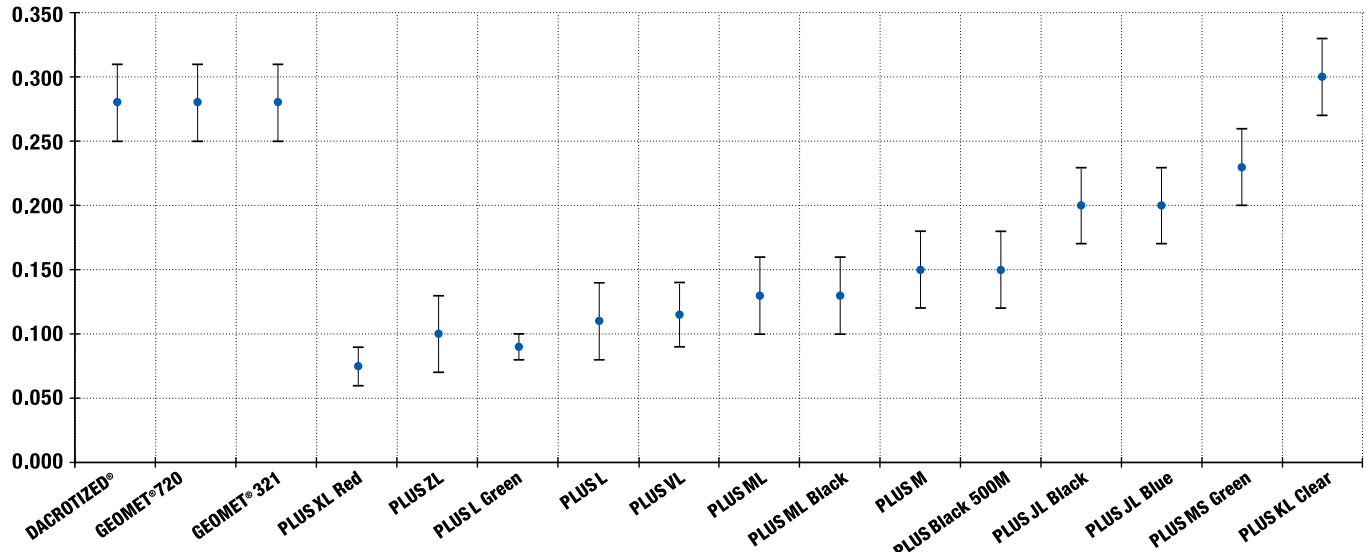
- ①Realization of consistent friction coefficient.
Choose an applicable GEOMET® PLUS specification from a wide selection in order to achieve a stable friction coefficient for a GEOMET® coated.
- ②Improve corrosion resistance of GEOMET®
Applying GEOMET® PLUS Series over GEOMET® coated will further improve the corrosion and chemical resistance.
- ③For beauty of appearance (Black color coating)
Meet customers' requirement of black color surface
- ④Improved resistance to galvanic corrosion
The GEOMET® PLUS series has been used by auto manufacturers as a means of preventing galvanic corrosion on the GEOMET® coated metal fittings of rubber hoses, such as hose clamps.
- ⑤The water-based, chromium-free coating technology does not cause pollution
Non-polluting solutions are also easy to apply.

PLUS Series Lineups

Name of top coat	Color	Control of Friction coefficient	Applied example	
			Key customers	Industries
PLUS Clear	Clear	None	Automobile etc,	Various press parts
PLUS 10	Clear	None	Automobile etc,	Hose clips
PLUS 10KAI	Clear	None	Automobile etc,	Hose clips
PLUS 60	Clear	None	Automobile etc,	Various press parts
PLUS XL Red	Red	Yes	Automobile etc,	Fasteners
PLUS ZL	Pink	Yes	Automobile etc,	Fasteners
PLUS L Green	Green	Yes	Automobile etc,	Fasteners
PLUS L	Clear	Yes	Automobile etc,	Fasteners
PLUS VL	Clear	Yes	Automobile etc,	Fasteners
PLUS ML	Clear	Yes	Automobile etc,	Fasteners
PLUS ML Black	Black	Yes	Automobile etc,	Fasteners
PLUS M	Clear	Yes	Automobile etc,	Fasteners
PLUS BLACK 500M	Black	Yes	Automobile etc,	Fasteners
PLUS JL Black	Black	Yes	Automobile etc,	Fasteners
PLUS JL Blue	Blue	Yes	Automobile etc,	Fasteners
PLUS MS Green	Green	Yes	Automobile etc,	Fasteners
PLUS KL Clear	Clear	Yes	Automobile etc,	Fasteners
PLUS WS	Clear	Yes	Public work, construction industry	Tapping screws etc,
PLUS WS Yellow	Yellow	Yes	Public work, construction industry	Tapping screws etc,
PLUS WS Red	Red	Yes	Public work, construction industry	Tapping screws etc,
PLUS WS Blue	Blue	Yes	Public work, construction industry	Tapping screws etc,
PLUS WS Green	Green	Yes	Public work, construction industry	Tapping screws etc,
PLUS 50W	Clear	Yes	Public work, construction industry	Fasteners

Contact us for GEOMET® PLUS series not listed in the table.

Friction coefficients of PLUS Series



*The coefficients were measured by applying PLUS® Series over GEOMET® 720-coated surface(PLUS Series) and conventional products over DACROTIZED®-coated surface(conventional products A and B).

*The overall friction coefficients were measured using the method employed by Japanese auto manufacturer A.

Application process

