

Solid Film Lubricants



COTEC has various surface treatment technologies and the company concentrates on products development and quality control to develop various surface treatment items



Production items and applications

Department / Material		Steel and non-ferrous metals	
Usage		Lubrication, Corrosion resistance, Wear resistance and prevention of loss due to heat	
Thickness (General criteria)		2~20µm hours	
Applied specifications	National defense 0115-1025 (Yeon)	Thickness	5-13µm (measuring after baking it for 3 hours under the 162±3°C)
	National Defense 9150-0024 (Yeon)	Corrosion resistance	National Defense 9150-0024 : for 100 hours National Defense 0115-1025 : rust spots within 3 for 144 hours
	MIL-L-46010 MIL-PRF-46010	Adhesiveness	No trace of separation of coating from substrate
Acceptance		External	CLAVERHAM, MBD, GD
		Internal	DOOWON, HANWHA, HYUNDAE WIA, KAI, KAL, S&T, ADD

Equipment condition

Palyong plant	2,000 × 3,000 × 2,000 mm
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Solid Film Lubricants

Capable of coating complex parts

COTEC Plating Process

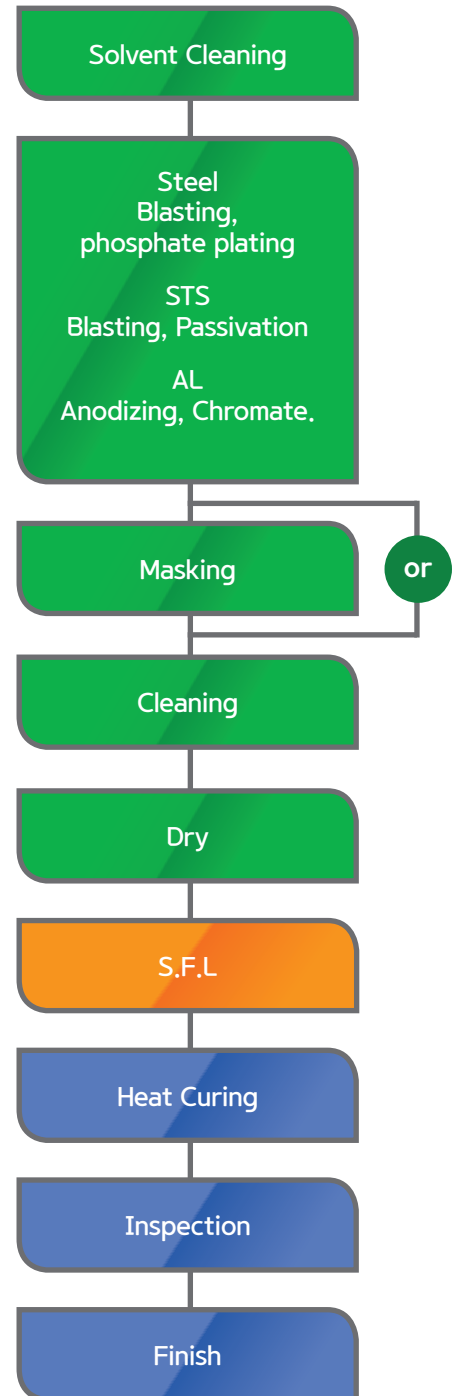


Our technologies and their applications

Characteristic

- Excellent corrosion resistance, wear resistance and heat resistance.
- Excellent lubrication withstanding the severe shock and loading.
- Can be applied to most metals and when other lubricants cannot be applied. Excellent properties that are far better than other surface treatment methods. Has a good prospect for the future.
- Very dark non-bright color.

Process



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