Typical Coating Process

1 Part → 2 Degreasing /cleaning → 3 Surface preparation → 4 Washing /drying → 5 Coating → 6 Curing → 7 Finished Product

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Classification	Description	Product Name	Appearance	Binder	Curing Conditions	Solid Lubricant Additives	Remarks	Treatable Material
Seizure Prevention	●Contain solid lubricants such as molybdenum disulfide, known for superior lubricity under heavy loads, in high concentrations. ●As the film is relatively soft, the coats are excellent in preventing seizure, while quickly providing an ideal lubricating surface during initial running-in lubrication.	**Molydry 1610**	Black	Epoxy Resin	180℃×30min	Molybdenum Disulfide,Graphite	Excellent initial running-in and anti-seizure performance	Metal
		Molydry 1670				Molybdenum Disulfide	Excellent anti-rust and chemical resistance performance and amenability to dipping and tumbling treatment	
		Molydry 5511		Inorganic Compound	150℃×30min (Drying under room temperature permitted)	Molybdenum Disulfide,Graphite	Excellent heat resistance and load bearing performance and amenability to dipping and tumbling treatment	
		Drycoat 3740		Epoxy Resin	180℃×30min	Molybdenum Disulfide,PTFE	Excellent initial running-in performance and low friction	
Low Friction	●Contain PTFE, known for superior low friction performance. ●As the film is relatively hard, the coats are ideal for the pursuit of even more enhanced low friction performance and provision of permanent lubrication under low surface pressure.	**Drycoat 2510**	White	Epoxy Resin	180℃×30min	PTFE	Excellent durability and low friction	Metal
		Drycoat 3500	Black	Polyamide-imide	230℃×30min	Molybdenum Disulfide,PTFE	Excellent heat resistance, adherence, and low friction	
		Molydry 3710		Epoxy Resin	180℃×30min		Hard film and corrosion resistance	
		Drycoat 4710		Polyamide-imide	210℃×30min	PTFE, Graphite	Excellent heat resistance, oil resistance, and low friction	
Heat and Wear Resistance	●Contain solid lubricants, such as molybdenum disulfide, known for superior lubricity under heavy loads, and graphite, known for superior heat resistance, in high concentrations. ●As the film is relatively hard, the coats have excellent heat resistance and wear resistance, and are therefore ideal for applications with demanding temperature and load conditions.	**Molydry 1900**	Black	Polyamide-imide	190℃×60min	Molybdenum Disulfide, Graphite	Excellent heat resistance, durability, and load bearing performance	Metal
		Molydry 2810			230℃×30min		Excellent heat resistance, load bearing, and initial running-in performance	
Plastics/ Rubbers	●Best suited to plastics and rubbers, thanks to the film's elasticity and adherence.	**Moly C-S**	Black	Cellulose	Drying under room temperature	Molybdenum Disulfide	Amenability to dipping and tumbling treatment	Metal, plastic, and rubber
		Drycoat POM-1	White	Acrylmelamine	80℃×20min	PTFE	Low-temperature curing and amenability to dipping treatment	Metal,Plastic
Other	●A dry film for oil-less sliding parts, to be diluted with water before use.	**Molydry 1711**	Black	Epoxy Resin	160℃×60min	Molybdenum Disulfide	For oil-less sliding parts produced by filling preprocessed grooves with paint.	Metal
		Molydry 5536		Organic Titanate Resin	100℃×30min	Molybdenum Disulfide,Graphite	To be diluted with water before use. Ideal for improvement of the work environment for coat application.	

●Please contact us for product selection and coating method details. We accept trial coating requests any time.

●We also have spray products that allow a dry film to be easily produced through drying at room temperature (page 27).