

Anti-Friction Coatings

Solutions for Automotive and Industrial Applications



- Dry Film Lubrication - Reduces friction and wear.
- High Load Capacity - Withstands heavy loads.
- Wide Temperature Range - Works from -200°C to +450°C.
- Low Friction & Noise Reduction - Ensures smooth, quiet operation.
- Strong Adhesion - Bonds to metals, plastics and rubber.
- Dust & Dirt Resistant - Does not attract contaminants.
- Long-Lasting & Maintenance - Free - Extends service life and reduces downtime.

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Gears



Threaded connections



Valves



Chains



Springs



Plastic Lubrication

Application	Component	Anti-Friction Coating Grades
Bearings	Sliding bearings	D-6600
Chains	Pins	D-7409, D-3484
	Chains	D-321 R
Gears	Gears	7400, D-7409
	Gear racks	D-7409
Threaded Connections	Bolts, nuts, studs	D-708, D-7708, D-3484
	Petroleum casing pipes	3402-C LF
Springs	Cup, helical	D-321 R, D-3484, D-7409
Shaft / Hub Connections	Shrink discs	3402-C LF, D-321 R
	Splined shafts	D-7409, D-3484
Other Applications	Telescopic booms	D-7409, D-321 R
	Temperature control units of heating systems	D-6600, D-708, D-7708
	Valves, pumps	D-7409
	Plastics lubrication	D-96, D-96 UV
	General assembly, maintenance	D-321 R

Coating Solutions for Automotive Applications



Washers for xEV axles



Starter motor anchor



Exhaust manifold gaskets



lock mechanisms, lock-catching plates and locking levers, safety hooks



Interior parts



Caliper springs & brake clips



Air conditioner swash plates



Air conditioner pistons



Piston skirt coating



Seat belt components

Application	Component	Anti-Friction Coating Grades
Powertrain	Pistons	D-10-GBL, D-6024, PA 744
	Tappets	D-7409
	O-rings (metal)	3400A LF
	Cylinder head gaskets	D-7620
	Starter motor anchors	D-6600
	Exhaust manifold gaskets	D-7620
	Gears	7400, D-7409
	Bushings	D-7409
	Thrust washers	D-7409
Chassis	Ball joints	D-6600
	Bushings	D-708, D-7708
	Rods	D-708, D-7708
	Fasteners	D-708, D-7708
	Spline shafts	7400
	Crash tubes	D-708, D-7708
Brake Systems	Springs, clips	D-708, D-7708
	Spindles (EPB)	D-708, D-7708, D-6600
Exterior	Closures, lock mechanisms	3400A LF, D-708, D-7708, D-7409
	Sunroof rails, guides	D-708, D-7708, D-6600
	Hinges	3400A LF
Interior	Door panels, armrests, consoles, interior trim	D-96, D-96 UV, D-9630
	Seat belt components	D-6600
	Springs	106, D-3484, D-6600
	Spindles	106
HVAC	Pistons	D-6927
	Swash plates	D-6818

Anti-Friction Coating Facility

Blasting Cabinet



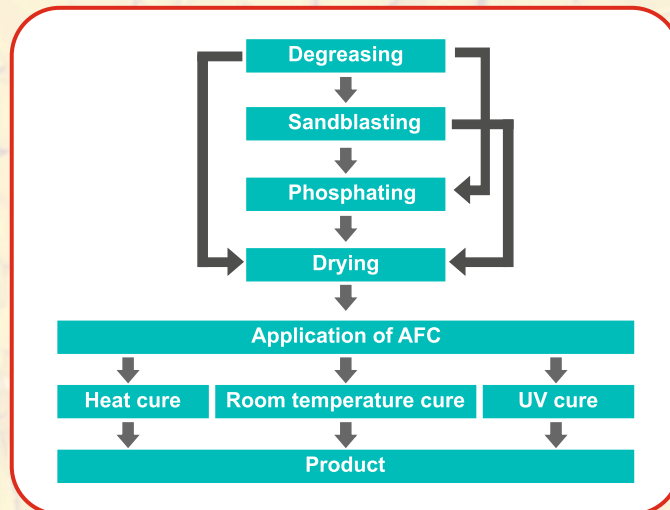
Phosphating



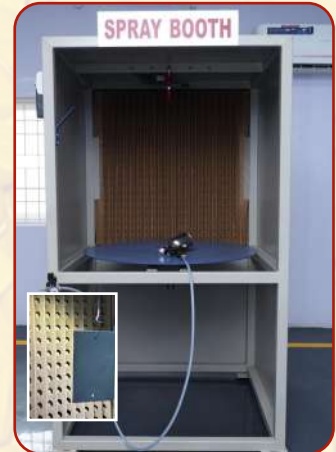
DIP - SPIN



Hot - Air Oven

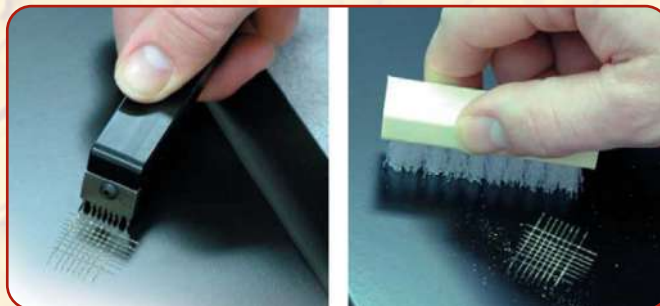


Spray Booth



Testing Lab Facility

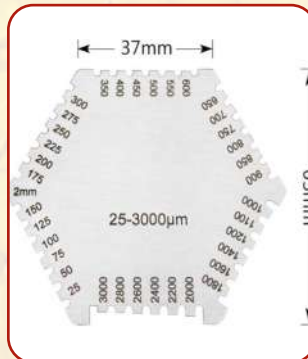
Peel Off Testing



Surface Roughness Tester



Wet Film Thickness Gauge



Dry Film Thickness Meter

