

# 438

## PTFE COATING

### APPLICATION AREAS

- Instrumentation
- Equipment and Machine Tools
  - Conveyor Belts
  - Bearings
- Colds Molds & Die
- Tanks & Hoppers
  - Slides



## PRODUCT DATA SHEET

### KEY FEATURES AND BENEFITS

- Contains ultra-fine PTFE particles
- Dry, non-oily, non-staining
- Stops sticking and material buildup
- Excellent chemical resistance
- Strong resistance to washout
- Will not absorb or hold moisture
- NSF H2 registration number 133950

### PACKAGING

Aerosol

### DIRECTIONS

Surface to be lubricated should be free of dirt, oil, grease, moisture, rust, lint etc. Shake can vigorously until agitator rattles, then continue shaking for 60 seconds before applying. Test on a sample of same material to ensure compatibility. Spray with sweeping motion, keeping can 20 to 31 cm (8 to 12 inches) from surface. Apply uniformly. Only a thin coating is needed, however you can apply several coats to build up greater surface protection and resists abrasive wear. Allow each coat to dry separately.

### DESCRIPTION

Chesterton® 438 PTFE Coating represents the best combination of a clean, dry, PTFE-based powder lubricant with a tough, protective coating that resists water and chemicals. It does much more than simply reduce friction; the product actually coats and protects the surfaces of parts and equipment. 438 PTFE Coating effectively lubricates and protects smooth, nonporous surfaces, including metal, plastic, wood, leather, fiber, rubber, glass and painted surfaces. It will not rub, wipe or run off like liquid lubricants can, nor will it collect dirt and grime as grease lubricants are prone to do. It dries instantly, leaving no waxy or oily film that can stain and attract dirt particles, thereby eliminating quality control losses from stained or damaged products and packaging. The coating resists water washout, as well as mild acids and alkalis, thus reducing the number of applications necessary to maintain functionality. Because 438 PTFE Coating makes the surface of parts and equipment extremely slippery, the product is ideal for coating inner surfaces of hoppers, bins, slides and anywhere else adherence of material is a problem. Applying the coating to these surfaces eliminates hangups and costly production stoppages. When several coats are applied, the product provides long-lasting surface protection and helps resist abrasive wear.

### TYPICAL PHYSICAL PROPERTIES

Appearance	Dry, white power in clear film
Specific Gravity	0.85 kg/l (7.1 lbs/gal)
Binder	Acrylic Resin
Base	Pure PTFE Powder
Operating Temperature	Up to 121°C (250°F)
PTFE Particles	Micron-sized

Before using this product, please refer to Safety Data Sheet (SDS).