

Chesterton 438 PTFE Coating

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , PTFE Powder

Material Notes:

Description: Chesterton® 438 PTFE Coating represents the best combination of 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.

Features: Contains ultra-fine PTFE particles
Slippery; low coefficient of friction
Dry, non-oily, non-greasy
Clean, nonstaining
Specifically designed for smooth, nonporous surfaces
Excellent chemical resistance
Strong resistance to washout
Will not absorb or hold moisture
NSF H2 – Registration number 133951 (bulk) and 13395 (aerosol)

Benefits: Stop sticking and material buildup
Significantly reduce power consumption
Prolong the life of machinery and parts
Save the cost of replacement parts
Reduce lubricant costs
Reduce maintenance costs
Save production time

Applications: 438 PTFE Coating, a versatile, long-lasting PTFE powder reinforced film, protects all types of smooth, nonporous surfaces, including metal, plastics, wood, leather, fiber, elastomers, glass and painted surfaces. It can be used on instruments, machine tools, conveyor belts, bearings, cold molds, dies, and even drawers and windows. When used to coat inner surfaces of bins, tanks, hoppers, molds and slides, the lubricant helps prevent materials from adhering, thus avoiding hangups and production stoppage. It is excellent for paper converting equipment to stop the paper from shifting as it is folded.

Information provided by Chesterton

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-438-PTFE-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.850 g/cc	0.850 g/cc	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	

Descriptive Properties	Value	Comments
Appearance	Dry, white powder in clear film	
Base	Pure PTFE powder	

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