

Chesterton 677 Dry Lubricant

Category : Fluid , Lubricant

Material Notes:

Description: When lubricated areas must be free of oil and oily stains, Chesterton® 677 Dry Lubricant is the product of choice. It is a clean, dry, multi-purpose, high-quality, PTFE-based powder lubricant for smooth, porous surfaces, which ensures nearly frictionless operation. 677 Dry Lubricant provides long-term lubrication for most surfaces including: metal, plastic, wood, leather, fiber, elastomers and glass. It is most effective on porous surfaces where it fills in open pores and becomes an integral part of the material's surface. Since it contains no oil or oily substances, the lubricant will not attract dirt and dust from the work environment or stain the parts to which it is applied. Quality control losses from stained or damaged products and packaging can thus be minimized. A thin film of PTFE particles deposited by 677 Dry Lubricant provides an excellent non-stick coating. When used before assembling flange faces, the lubrication prevents gaskets from adhering and press-fits from sticking. It keeps hand saws and other tools from binding and will not oil-stain wood being cut. It is an ideal break-in lubricant for pump packings, providing initial lubrication until the packing lubricant works in during the critical high-friction period.

Features: High-quality, multi-purpose, PTFE-powder lubricant Specifically designed for smooth, porous surfaces Dry, non-oily, non greasy Clean, nonstaining Contains ultra-fine PTFE particles Slippery; low coefficient of friction Excellent chemical resistance Strong resistance to washout Will not absorb or hold moisture Withstands high and low temperatures Benefits Reduce downtime, labor, maintenance cost Save the cost of replacement parts Prevent gaskets from torn gasketing, imperfect molded parts Prolong the life of machinery, parts, equipment Significantly reduce power consumption Thin coating with pinpoint spray means no product waste

Applications: 677 Dry Lubricant is used on sliding mechanisms, cables, tools, conveyors, and wherever else a dry-powder, non-oily lubricant is required up to 204°C. It works especially well as a break-in lubricant for pump shafts and valve stems just before installing packing. When sprayed on flange faces, the lubricant prevents gaskets from sticking during disassembly. It is highly effective on light-duty gears, open shaft bearings, bolts, nuts and stuffing boxes. It prevents binding when applied to hand tools.

Information provided by Chesterton

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-677-Dry-Lubricant.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.700 g/cc	0.700 g/cc	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	

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

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