



PRODUCT INFORMATION OF TFL50 DRY LUBE

Description

TFL50 DRY LUBE was developed as an efficient, economical, and universal release agent. It was designed for use whenever a dry, non-oily, greaseless defrictionizer lubricant is required. The dry coating provides a low coefficient of friction which gives excellent lubrication and release properties. This unique formulation functions as a quick drying and greaseless thin film lubricant for all types of surfaces. TFL50 DRY LUBE contains a high lubricity, low molecular weight PTFE fluoropolymer specialized for mold release and dry lubricant application. It won't react with process materials and offers excellent resistance to most chemicals and organic solvents.

The adhesion and abrasion resistance of the lubricant coating can be improved due to the lubricants capability of being fused by process of liquefaction after application by exceeding melting point. TFL50 DRY has excellent thermal and chemical stability, and forms a natural insulating barrier for electronic uses.

Features & Product Benefits

Superior Lubricating qualities with fast drying properties.

Non-staining. Will not attract harmful contaminants

Non-transferable. Outstanding mold release with virtually no transfer of release agent on plastics, resins, acrylics, nylons are some examples.

Low coefficient of friction makes sliding surfaces feel like "ice on ice". Remains stable from -40 F (-40 C) to 450 F (232 C)

Creates a non-stick surface (not intended for use on cookware)

Material handling surface such as slides, chutes, tables, rollers, diverters, conveyor belts and freight skids, are some examples of use. As well, great lubricity on metal, glass, rubber, wood, ceramics, elastomers, polycarbonates, vinyl, fabric, and most plastics (when not under stress)

Technical Data

Specific gravity 2.15

Particle Size Mean Value 3 um

NPIRI Grind 2.0 max

Hegman Grind 7 min

Melting Point 608 F (320 C)

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