



DuPont Coating & Release Systems

DryFilm WDL10A

antistick coating

Description

DryFilm WDL10A antistick coating is an alcohol-based dispersion. When applied to a surface, it exhibits outstanding antistick properties and has a very low coefficient of friction. It is clean, nonoily, nonstaining, and chemically inert.

Uses

DryFilm WDL10A coating adds high lubricity and antistick properties to metal, glass, rubber, and plastic surfaces. Coating DryFilm WDL10A on wire conductors provides a nonstick surface so insulation strips away easily. Coating insulated wire provides nonstick so multiple twisted wires do not stick together. DryFilm WDL10A also provides lubrication as a process aid for assembly.

Directions for Use

DryFilm WDL10A coating should be applied to clean, dry surfaces. Dilution of DryFilm WDL10A can be made with adding additional solvent such as isopropyl alcohol. Surface coating of DryFilm WDL10A can be heated to a maximum temperature of 250°C (480°F). The following are suggested methods of application.

- Dipping or Flooding—The easiest and most widely used method for applying DryFilm WDL10A coating. A wiper system should be used to strip off excess amounts, ensuring a thin, even coating over the entire length of the surface.
- Spraying—Particularly effective in depositing a very thin coating with excellent adhesion. This system can be used with a hand spray gun or with automatic spray heads, which can be operated intermittently or continuously.
- Wiping or Brushing—Very effective for coating small amounts or selected areas on a surface.

Typical Properties

Primary Polymer: Fluorochemical
Specific Gravity: 0.83
Odor: Alcohol
Color: White
Flash Point: 12°C (54°F)

Storage and Handling

Adequate ventilation must be provided in work areas. Breathing vapors should be avoided. If spraying, care should be taken to avoid inhaling mist or vapors. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Do not store or consume food, drink, or tobacco in areas where they may become contaminated with this material.

Vapors may develop slight pressure. Therefore, care should be exercised when opening containers. Containers should be closed promptly after removing part of the contents to avoid evaporation.

If this product is exposed to extreme heat (290°C [554°F]) conditions from misuse or equipment failure, toxic decomposition products that include hydrogen fluoride can occur.

Always wash hands after handling DryFilm WDL10A coating.

Do not smoke while handling this product.

Shelf Life

DryFilm WDL10A has a shelf life of 2 years from the date of manufacture.

Packaging

DryFilm WDL10A is available in 5- and 30-gal containers.

Shipping Limitations

DOT/IMO SHIPPING NAME: Isopropanol
Solution
HAZARD CLASS: 3
UN NUMBER: 1219
PACKAGING GROUP: II

United States

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