



## DuPont Coating & Release Systems

# DryFilm WDL5W

antistick coating

### Description

DryFilm WDL5W antistick coating is a water-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 WDL5W coating adds high lubricity and antistick properties to metal, glass, rubber, and plastic surfaces. Coating DryFilm WDL5W 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 WDL5W also provides lubrication as a process aid for assembly.

### Directions for Use

DryFilm WDL5W coating should be applied to clean, dry surfaces. Dilution of DryFilm WDL5W can be made with adding additional water. DryFilm WDL5W can be applied to hot surfaces with a maximum temperature of 175°C (345°F). The following are suggested methods of application.

- **Dipping or Flooding**—The easiest and most widely used method for applying DryFilm WDL5W 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: 1.1  
Odor: Slight Sweet  
Color: White  
Flash Point: None

### Storage and Handling

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. Freezing will affect the physical condition of this product, but will not damage it. Thaw and mix well before use.

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 WDL5W coating.

**Do not smoke while handling this product.**

### Shelf Life

DryFilm WDL5W has a shelf life of 1 year from the date of manufacture.

### Packaging

DryFilm WDL5W is available in 5- and 30-gal containers.

### Shipping Limitations

Not regulated

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*United States*

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