



DuPont Coating & Release Systems

DryFilm WDL905

antistick coating

Description

DryFilm WDL905 wire coating is a water- and isopropyl alcohol-based dispersion. When applied to a wire, it exhibits outstanding antistick properties and has a very low coefficient of friction. It is clean, nonoily, nonstaining, and chemically inert.

Uses

DryFilm WDL905 coating adds high lubricity and nonstick properties to wire, enabling the outer jacket to strip easily.

Directions for Use

DryFilm WDL905 coating should be applied to clean, dry surfaces. The following are suggested methods of application.

- Dipping or Flooding—The easiest and most widely used method for applying DryFilm WDL905 coating. A wiper system should be used to strip off excess amounts, ensuring a thin, even coating over the entire length of the wire.
- 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 wire or cable.

Typical Properties

Primary Polymer: Fluorochemical

Specific Gravity: 1.0

Odor: Slight Alcohol

Color: White

Flash Point: 34°C (99°F) (TCC)

Storage and Handling

The precautions used in handling DryFilm WDL905 release coating are the same as those used in handling most coatings in industrial use. Contact with the skin should be avoided. 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, just as sprayed paint inhalation should be avoided.

Vapor 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 conditions from misuse or equipment failure, toxic decomposition products that include hydrogen fluoride can occur. Hydrogen fluoride has an ACGIH threshold limit value of 3 parts per million parts of air as a ceiling limit, an OSHA permissible exposure limit (PEL) of 3 ppm of fluoride as an 8-hr time-weighted average, and 6 ppm of fluoride as a short-term exposure limit (STEL).

Always wash hands after handling DryFilm WDL905 release coating.

Do not smoke while handling this product.

Shelf Life

DryFilm WDL905 has a shelf life of 6 months from the date of shipment.

Packaging

DryFilm WDL905 is available in 1-, 5-, and 55-gal containers. Larger volume orders may be packaged in specialty containers.

Shipping Limitations

DOT/IMO SHIPPING NAME: Resin Solution
Flammable
(Isopropanol)
HAZARD CLASS: 3
LABEL(S): Flammable Liquid
UN NUMBER: UN 1866
PACKAGING GROUP: III

United States

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