



# AMCOL Corporation

## Product Bulletin for ROLL FILM Vanishing Oils

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### DESCRIPTION

#### Metal Forming and Fabricating Lubricants

**ROLL FILM Vanishing Oils** are used in applications which require minimal lubrication characteristics to facilitate a process which could, in theory, operate lube free. By design, these products evaporate with the heat released in the metal deformation process or with time at room temperature.

**ROLL FILM Vanishing Oils** are ideal for light forming including roll forming, stamping, drawing, bending, transfer press, and other general machining. They are best suited and compatible with most pre-finished metals, including pre-plated, anodized, pre-painted, vinyl coated, high buff, electrogalvanized, and other coated metals.

**ROLL FILM Vanishing Oils** evaporate at specified time intervals that are dependent upon the process and substrate. With proper application, the product will eventually dry completely so as to eliminate the need for cleaning, degreasing, or polishing prior to further processing, assembly, or other subsequent operations. Parts may be stacked, palletized, or stored after the forming without fear of staining. Many coatings, plastics, adhesives and decals are compatible with these **ROLL FILM Vanishing Oils**.

Two products are available.

**290 ROLL FILM** is a low odor and colorless fluid that dries very quickly. It has a medium flash point and medium lubricity. This product is typically used in applications that are time sensitive and must dry quickly prior to a subsequent process.

**251 ROLL FILM** dries slightly slower than the 290 ROLL FILM and provides better lubrication. 251 ROLL FILM also has a higher flash point than the 290 ROLL FILM.

### ADVANTAGES

- No Washing Required
- Non Staining to Most Any Surface
- Clear and Virtually Odorless
- Increase Tool Life
- Superior Quality

### METHOD OF APPLICATION AND CLEANING

**ROLL FILM** Vanishing Lubricants may be applied using a roller coater, by dripping fluid directly on the tooling, or by using a **6000 Series Precision Applicator** or the like. There is no cleaning required when using these products.



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100+  
Years  
Est. 1902

### 290 ROLL FILM: Typical Physical and Chemical Properties

**Physical State:** Liquid at 25 deg C

**Odor and Appearance:** Clear colorless liquid with a petroleum odor

**Solubility (in water):** Insoluble

**Specific Gravity:** 0.70-0.80

**pH:** Not applicable

**Viscosity:** 1-5 centipoise at 25 deg C

**NFPA Rating:**      **Health:** 1

**Fire:** 2

**Reactivity:** 0

**Special Precautions:** Ensure proper ventilation in working area.

### 251 ROLL FILM: Typical Physical and Chemical Properties

**Physical State:** Liquid at 25 deg C

**Odor and Appearance:** Clear colorless liquid with a petroleum odor

**Solubility (in water):** Insoluble

**Specific Gravity:** 0.75-0.85

**pH:** Not applicable

**Viscosity:** 1-5 centipoise at 25 deg C

**NFPA Rating:**      **Health:** 1

**Fire:** 2

**Reactivity:** 0

**Special Precautions:** Ensure proper ventilation in working area.