

D-5100NS

Description

D-5100NS is a high quality lubricant and anti-stick agent composed solely of a colorless pure silicone fluid. D-5100NS is an odorless material that retains excellent electrical properties and high temperature oxidation resistance inherent in silicones.

Application

D-5100NS is a release agent for molding of plastics or rubber and paper manufacturing. Lubricates dissimilar metals, plastics and plastic-metal combinations. Anti-stick agent for heat sealing equipment, packaging and gluing equipment, conveyors and food processing equipment. D-5100NS will reduce friction on faces of irons and work surfaces where cloth is handled. Prevents freezing of door locks and rubber weather stripping.

Physical Properties

Viscosity SSU @ 100° F: 3600
Specific Gravity 25°C./25°C: 0.8
Viscosity Temperature Coefficient: 0.66
Dielectric Strength: 240 to 360 volts per mil.
Dielectric Constant: 2.65 to 2.77 at 25° F.
Surface Tension: 21 dynes/centimeter
Pour Point: 58° F.

MilSpec

NSN: 9150-00-269-8249

Other

V-V-1078 (Supersedes MIL-S-21568-A)

Features

D-5100NS has a temperature range from -60 to 600° Fahrenheit. It is non-staining to fabrics, and will not harm metals, plastics or painted surfaces. Because of its low level of toxicity, D-5100NS can safely be used around the home or plant without fear of any undesirable physiological effects.

Specifications

FDA / USDA Approved Product
V-V-1078 (Supersedes MIL-S-21568-A)

Packaging

Special packaging upon request

Commercial Specifications