



PRODUCT DATA SHEET



ELECTRIC SWITCH CONTACT WHITE GREASE

Electric Switch Contact White Grease, commonly known as Bel-Ray 63860-A Grease, is a non-melting, anti-seize paste. The exceptional low frictional properties and load carrying abilities of **Electric Switch Contact White Grease** are derived from its PTFE solid lubricant. **Electric Switch Contact White Grease** delivers exceptional performance on sliding surfaces and thread applications. Effective over a broad temperature range for the most difficult sliding applications, it prevents seizing, galling and minimizes friction. **Electric Switch Contact White Grease** can be used in exposed areas where its appearance will not detract from an overall impression of a finished part or unit such as an assembled switch. Moreover, its excellent thermal stability resists deterioration in service, permitting long useful life.

Applications

- ◆ Electric switches and components
- ◆ Sliding track
- ◆ Plastic cams
- ◆ Hinges
- ◆ Ways
- ◆ Rod guides

Features and Benefits

- ◆ Organo-clay thickener
- ◆ Contains PTFE
- ◆ Contains rust and corrosion inhibitors
- ◆ Mechanically stable
- High dropping point for superior retention properties and reduced oil separation.
- Reduces friction and wear.
- Prevents rust and corrosion protecting components and extending their life.
- Will not soften and run out.

General Description

Electric Switch Contact White Grease contains a high level of PTFE, a lubricating solid that reduces sliding friction, carries heavy loads and prevents seizing. **Electric Switch Contact White Grease** virtually eliminates wear and stick-slip when used on sliding plastic parts. **Electric Switch Contact White Grease** is mineral oil in non-melting gel system with a combination of moly and PTFE. This permits its use for long-term exposure to moderately elevated temperatures as well as short or intermittent temperatures up to 260°C (500°F).

Product No. 301532

ELECTRIC SWITCH CONTACT WHITE GREASE

TYPICAL PROPERTIES

<u>Product No.</u>	<u>301532</u>
<u>Old Product No.</u>	<u>51100</u>
NLGI Grade	2
Penetration, worked (60 strokes), ASTM D217 mm/10	284
Mechanic Stability, ASTM D217 Penetration change after 10,000 Strokes, %	7
Thickener Type	Organo-clay
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	284
@ 100°C, cSt	21.1
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS	1515
@ 210°F, SUS	106
Dropping Point, ASTM D2265 °C	>260
(°F)	(>500)
Lubricating Solids Type	PTFE
Oil Separation, ASTM D6184 @ 100°C (212°F), 30 hours, weight %	0.6
Volume Resistivity, ASTM D257 Ohm-cm	1.2 x 10 ¹⁰
Useful Temperature Range °C	-15 to 260*
(°F)	(5 to 500*)
Color	Cream

* Upper temperature for intermittent or short time only.