

**RoHS
Compliant**

Description:

ESIL100GF is a general purpose silicone grease formulated with high quality silicone oil and silica thickener. It has a wide operating temperature range combined with good lubricating and excellent dielectric properties. Being a silicone based material it has excellent water repellent properties and good adhesion.

Features:

- Conforms to DEF STAN 68-69
- Excellent lubrication properties
- Good electrical properties
- Excellent oxidation stability
- Excellent water repellent
- Safe on most plastics
- Non-toxic
- Odourless

Specifications:

Dispensing Method	: Tube
Weight	: 100g
Approval Category	: DEF STAN 68-69
Colour	: Opaque
Dielectric Strength	: 21V/m
Lubricant Applications	: Electrical / Industrial / Mechanical
Operating Temperature	: -50°C to +200°C
Colour	: Opaque
Density at 20°C	: 0.967g/cm ³
Volume Resistivity at 20°C (1)	: $1 \times 10^{14} \Omega \cdot \text{cm}$
Volume Resistivity at 20°C (2)	: $1.4 \times 10^{12} \Omega$ after 72 hours at 150°C
Thermal conductivity	: 0.14W/mK
Penetration un-worked (ASTM 127)	: 190-250tenths/mm
Oil bleed, 7 days at 40°C	: 3.7%
Coefficient of thermal expansion	: $7 \times 10^{-4} \text{ K}^{-1}$

Shelf Life:

4 years from date of manufacture when stored unopened in the original packaging in a cool (15-20°C), dry well ventilated area avoiding direct sunlight.

Part Number Table

Description	Part Number
Grease Silicone 100g Tube	PPC114

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.

X-ON Electronics

Authorized Distributor

Click to view similar products for [Pro Power manufacturer](#).

Other Similar products are found below :

[PPCY4C075100M](#) [PPCY3C10050M](#) [PPC217](#) [PP001328](#) [PP001316](#) [PP001109](#) [PP001088](#)

[PP000940](#) [PP030](#) [PP000909](#) [PP001326](#) [PP001308](#) [PP000877](#) [PP000868](#) [PP000704](#)

[PP001163](#) [PP001156](#) [PP001085](#) [PP000510](#) [PP001076](#) [PP000944](#) [PP000914](#) [PP000407](#)

[PP000386](#) [PP000870](#)