



AL SI 55

Induce: 3
2021/01/19

Non-Food Compounds
Program Listed H1
Registration 160433

FOOD GRADE SILICONE GREASE

DEFINITION

Synthetic grease with outstanding lubricating properties at high and low temperatures
Water-repellent, ALSI55 resists steam and corrosive environment.

Formulated to ease heat transfers.

ALSI55 is an excellent electrical insulator and is compatible with plastics and rubbers.

CARACTERISTICS

• Colour:		Whitish
• Thickener:		Inorganic
• Operating temperatures:		-45°C to +250°C
• Base oil:		Synthetic
• Base oil viscosity @ 40°C:	ISO 3104	1000 Cst
• Drop point:	ISO 2176	None
• NLGI grade:		3
• Worked penetration 60 strokes @ 25°C:	ISO 2137	220 - 250 ^{1/10mm}
• Penetration loss after 10 000strokes @ 25°C:	ISO 2137	< 30 ^{1/10mm}
• Copper sheet corrosion:	ISO 2160	1a

Classification according to DIN 518-25: K 3 U-45

Classification according to ISO 6743-9: ISO-N-XEGDA 3

APPLICATIONS

Long term lubrication of small mechanisms, (threads, joints, slides, rails, locks etc)

Lubrication and protection of electrical components.

Lubrication of valve taps, joints, plastic and rubber pieces in food industries and wet environments.

Assembly lubricant for O-rings.