



JETEXINDIA

JETEX EC-111 GREASE

Electrical Contact Grease

Technical Data Sheet

Product Description

JETEX EC-111 GREASE is a synthetic grease designed specifically for providing conductivity to electrical contacts. It provides superior lubrication and offers complete protection to electrical contacts from weathering influences such as corrosion, oxidation, and moisture penetration. This soft consistency grease prevents burning, oxidation, carbonation, arcing and erosion of contact surfaces. It is non-drying and forms an invisible film between bearing or sliding surfaces to reduce frictional wear and improve life of contacts. Based on synthetic fluids, this grease is free from any mineral hydrocarbon fluids that may cause carbonation or any migrating silicones and is safe to use on all surfaces.

Benefits

- Extremely soft consistency
- Water-resistant & prevents corrosion
- Reduces contact wear and improves conductivity
- Increases life of equipment
- Acts as an anti oxidant and anti corrosion sealant
- Prevents spark erosion and burning
- Reduces cross contact seizing
- Preserves contacts even at high temperatures or heat
- Highly oxidation and chemically stable for long intervals of time

Applications

- Contacts in precision engineering.
- Electric contacts of all types to prevent spark erosion and burning.
- Contacts and equipment under severe arcing conditions and corrosive atmospheres such as battery terminals, voltage

regulators, sliding contacts, relays, rheostats, bus bars, mechanical controllers, interrupters, plug sockets, over load tap changers.

Properties

Type	Electrical contact grease
Appearance	Smooth grease
Color	Slight pink to beige
Specific gravity, g/cc	0.87-0.97
Penetration, worked	265-295
NLGI Consistency	2
Drop point, °C	+180 minimum
Temperature range, °C	-40 to +180
Water resistance	Excellent
Copper strip corrosion	Negative
Thermal conductivity, cgs units	4.4×10^{-4}
Dielectric strength	4

Method of Application

By cloth or brush. Do not mix with any other oils or grease.

Shelf Life

24 months from date of manufacture in sealed condition.

Pack Sizes

1, 5 & 20 kg

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JETEX INDUSTRIES

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