

ELECTRICAL CONDUCTING TRANZ FireSafe Q49				
FireSafe Q49	A unique, wholly-conductive, SOLIDS FREE AND GRIT FREE, non-melting compound for high temperature or long-life service under weathering conditions at any ambient and high leakage current temperatures. Originally developed to eliminate HT "RF Fry" emanating from leakage-sparking across the metal joints of power line insulator fittings by enabling conduction across degraded galvanic corrosion. This is a highly conductive material which must be used carefully and <u>MUST NOT</u> be allowed to accidentally bridge adjacent electrical contacts			
	Grit-free	Non-melting, all-conducting, (black colour)	- 30°C to 120°C	• inherent control capacity of both high voltage and amperage • Very highly conductive – a low 18.5 ohms/cm resistance. • Will not flow or dry out • Inhibits corrosion • Prevents oxidation • Excellent thermal stability, has no drop point and serves between - 30°C to 120°C • Ensures electrical connection on components subject to vibration, corrosion & moisture. • Lubricates switches, hinges, contact plugs and sockets. • Water repellent and adheres to elastomers, plastics and metals. • Ensures positive conductivity across electrical joints such as earth strap connections. • Lubricates marine electrical conducting components to eliminate salt induced shorting. • Silences RF interference from corroded HT transmission line hardware.
	TYPICAL PROPERTIES			
Colour	Black			
Specific Gravity (25°C)	1.3			
Consistencies	NLGI 1 & 2. Others available to order			
Evaporation (24 hr at 100°C)	1.5%			
Bleed (24 hr at 100°C)	3% maximum			
Electrical Resistivity	18.5 ohm / cm at 6 cm. gap			
Flash Point	Greater than 300°C.			
Flame Resistance	Fire Safe substantially fire resistant grade			
Chemical Resistivity	Very good, but will be affected by concentrated acid, and concentrated caustic solutions.			
PACKAGING	400gm cartridges, 500gm jars & 5 Kg tins, 20 Kg lined steel pails.			