

CHO-LUBE® 4220

Electrically Conductive Grease

CHO-LUBE® 4220 is a silver filled conductive grease designed for surface-to-surface, particularly metal-to-metal, sliding contact areas requiring continuous electrical paths such as a switch, commutator, etc.

Comprised of a specialty silicone polymer system, CHO-LUBE 4220 provides good lubrication and electrical continuity in abrasive, high temperature environments.

CHO-LUBE 4220 is excellent for grounding enclosures, equipment, or components which require lubrication to overcome friction as well as maintain EMI control.

Product Features

- High Conductivity
- Lubricates
- Thermal Stability
- Chemically Inert
- Mitigates component wear

Product Features

- Electrical contact between metallic surfaces
- Lubrication with shielding properties
- Heat dissipation
- Surface protection



CHO-LUBE® 4220 Product Information

Typical Properties	Typical Properties	4220	Test Method
	Binder	Silicone	N/A
	Filler	Silver	N/A
	Color	Silver	N/A
	Wet Density	3.1 g/ml	95-40-5504* (Q/C)
	Volume Resistivity	0.100 max. ohm-cm	CHO-MAT 1002* (Q/C)
	Shelf Life, from date of manufacture	12 months @ 77°F (25°C)	(Q)
	Continuous Use Temperature	-40 to 204°C (-40 to 400o F)	(Q)
	Minimum thickness recommended	0.001 in. (0.025 mm)	N/A
	Maximum thickness recommended	N/A	N/A
Mechanical	Volatile Organic Content (VOC)	0 g/l	Calculated
	Penetration, unworked 25C	275 (NLGI #2)	ASTM D217
	Penetration, worked 60 strokes 25C	265 (NLGI #2)	ASTM D217
	4-ball wear, 40 kg 1200 rpm	2 mm	ASTM D2266
	4-ball EP, weld load	400kg	ASTM D2596

Note: N/A – Not Applicable, (Q/C) - Quality Conformance Tests, (Q) - Qualification Tests
 * this test Method is available from Parker Chomerics.

CHO-LUBE® 4220 Ordering Information

Product	Weight (grams)	Packaging	Part Number
CHO-LUBE 4220	113.4	1.5 fluid ounce foil tube	54-02-4220-0000
CHO-LUBE 4220	283.5	6 fluid ounce SEMCO cartridge	54-01-4220-0000

Please refer to Parker Chomerics Surface Preparation and CHO-BOND Polythioether Application documents for information regarding the proper surface preparation, primer application (if required), and use of these compounds.



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