

CHRISTO-LUBE® MCG 208

CHRISTO-LUBE® MCG 208 is a grease-like material formulated with select polydimethyl siloxane fluids in combination with inert, amorphous silica fibers. CHRISTO-LUBE® MCG 208 is a stiff, tacky, non-melting compound with good resistance to water and most chemicals. CHRISTO-LUBE® MCG 208 is most frequently used as a valve and O-ring lubricant and as sealant in high vacuum applications.

PERFORMANCE TEST	TEST METHOD	CONDITION	TYPICAL VALUE
Appearance			Translucent paste
Worked Penetration	ASTM D-217	60 strokes	200-300
Evaporation		200°C/24 Hours	2.0% Max
Bleed		200°C/24 Hours	1.0% Max
Specific Gravity			1.02-1.06
Water Washout	ASTM D-1264		1.3%
Low Temperature Torque			
Start	ASTM D-1478		944 gm-cm
Running	(-54°C/ -65°F)		885 gm-cm
Volume Resistivity	ASTM D-257		4.0x10 ¹⁴ Ω-cm
Dissipation Factor	ASTM D-150		0.0016
Dielectric Constant	ASTM D-150		2.2(@1Khz)
Dielectric Strength			
10 mil gap	ASTM D-149		800 volts/mil