

COMPARISON TABLE

COVEN FP3106 vs 3M Novec 2708

	3M Novec 2708	COVEN FP3106
Appearance	Transparent, light yellow to orange (depending on thickness)	Colorless, clear to slightly cloudy
Solids	8.0 wt.% Fluorinated polymer	2 - 4% (can be adjustable) Fluoropolymer
Density	1.4 g/ml @23°C	1.4 g/ml
Viscosity	4.9 cps @25°C	~1 cps
Shelf Life	2 years	2 years
Mechanism	Evaporation and moisture curing	Evaporation and moisture curing
Tack free time	2 mins	< 1 min
Full cure time	not mentioned	
Coating thickness	4.0- 5.0 microns (depending on application method)	0.2 microns
Application method	Spray, dip, brush and selective dispense	Spray, dip, selective dispense
Solvent and Chemical Resistance	Resists a variety of solvents and chemicals. Dissolves in acetone.	Moisture, corrosion and other strict environmental conditions, excellent solvent and chemical resistance
Tg (Glass Transition Temperature)	53°C	75°C
Non-Flammable	Meets UL 94 V-0	UV94 V-0
Dielectric Constant	3.2 (@1kHz) ASTM D150	2.25 @100KHz
Dissipation Factor	0.001 (@1kHz) ASTM D150	0.016 @100KHz
Dielectric Breakdown Strength	2500 V/mil	2500 V/mil