

Properties	1700 Series		2700 Series	2702
Polymer	Fluorinated Acrylate		Fluorinated Acrylate	Fluorinated Acrylate Hybrid
Solvent	3M™ Novec™ 7100 Engineered Fluid		3M™ Novec™ 7200 Engineered Fluid	3M™ Novec™ 7200 Engineered Fluid
Product Numbers	<a href="#">1700</a>	1710	2704	2702
Solids Concentrations (w / w)	2 %	10 %	4 %	2 %
Recommended Application Method	Dip		Spray / Dip	Spray / Dip
Dip Typical Thickness Range $\mu\text{m}^2$	0.1 - 0.2	NR3	0.3 - 0.6	0.1 - 0.2
Single-Pass Spray Typical Thickness ( $\mu\text{m}^2$ )	NR		3-6	2-5
Viscosity (cP)	0.9	4.3	1.8	0.7
UV Detectable	No		Yes	No
Dry Time (minutes)	<2		<2	<2
Thermal Cure Time & temperature	No need to cure		No need to cure	15 to 60 minutes @+70 °C...+150 °C
Dielectric Constant (@kHz, 30 % RH)	3.2		3.2	5.5
Dielectric Factor (@1kHz, 30 % RH)	0.02		0.02	0.02
Dielectric Strength (V / mil @ 35 % RH)	2000		2500	2900
Safety & Sustainability	Low in toxicity, Non-ozone depleting, Low GWP, Non-flammable, VOC exempt, RoHS compliant		Low in toxicity, Non-ozone depleting, Low GWP, Non-flammable, VOC exempt, RoHS compliant	Low in toxicity, Non-ozone depleting, Low GWP, Non-flammable, VOC exempt, RoHS compliant