

		Hi-Flow 105	Hi-Flow 115-AC	Hi-Flow 200G	Hi-Flow 225FAC	Hi-Flow 225FT	Hi-Flow 225U	Hi-Flow 225UT	Hi-Flow 625	Hi-Flow 818-AC
Property	Test Method	Value	Value	Value	Value	Value	Value	Value	Value	Value
Color	Visual	Dark Gray	Gray	Blue	Black	Black	Black	Black	Green	Mauve
Reinforcement Carrier	***	Aluminum	Fiberglass	Fiberglass	Aluminum	Aluminum	None	None	Film	Film
Thickness, (inch)	ASTM D374	0.0055	0.0055	0.006	0.004	0.004	0.0015	0.003	0.005	0.0055
Aluminum Foil Thickness, (inch)	ASTM D374	***	***	***	0.0015	0.001	***	***	***	***
Elongation, (%45° to Warp & Fill)	ASTM D882A	***	40	40	***	***	***	***	60	82
Tensile Strength, (psi)	ASTM D882A	***	900	400	***	***	***	***	30000	25000
Cut Through, (lbs)	ASTM D412	***	***	***	***	***	***	***	***	***
Continuous Use Temp., (°F)	***	266	302	212	248	248	302	248	302	302
Phase Change Temp., (°F)	DSC	149	149	131	131	131	131	131	149	149
Electrical	Test Method	Value	Value	Value	Value	Value	Value	Value	Value	Value
Dielectric Breakdown Voltage, (VAC)	ASTM D149	***	300	300	***	***	***	***	4000	4000
Dielectric Constant, (100 Hz)	ASTM D150	3.2	3.5	3.5	***	***	***	***	3.5	3.5
Volume Resistivity, (Ohm-meter)	ASTM D257	***	>10 ¹⁰	>10 ⁸	***	***	***	***	>10 ¹⁰	>10 ¹⁰
Flame Rating	U.L.	94 V-O	94 V-O	94 V-O	94 V-O	94 V-O	94 V-O	94 V-O	94 V-O	94 V-O
Thermal	Test Method	Value	Value	Value	Value	Value	Value	Value	Value	Value
Thermal Conductivity, (W/m-K)	ASTM D5470	0.9	0.8	1.6	1.0	0.7	1.0	0.7	***	***