

ASTM No.	Catalog No.	Application	Range	Div	Length	Immersion	ASTM specified test points
98C	10-98C	Tank, Refill	16 to 82 °C	0.5°	300mm	total	20, 40, 60, 80 °C
98F	10-98F	Tank, Refill	60 to 180 °F	1°	300mm	total	60, 100, 140, 180 °F
99C	10-99C	Weathering Test	-50 to 5 °C	0.2°	305mm	35mm	-46, -32, -18, 0 °C
99F	10-99F	Weathering Test	-58 to 41 °F	0.5°	305mm	35mm	-50, -25, 0, 32 °F
100C	10-100C	Solidification Point	145 to 205 °C	0.2°	370mm	76mm	145, 165, 185, 205 °C
101C	10-101C	Solidification Point	195 to 305 °C	0.5°	370mm	76mm	200, 250, 300 °C
102C	10-102C	Solvents Distillation	123 to 177 °C	0.2°	395mm	100mm	125, 140, 155, 175 °C
103C	10-103C	Solvents Distillation	148 to 202 °C	0.2°	395mm	100mm	150, 165, 180, 200 °C
104C	10-104C	Solvents Distillation	173 to 227 °C	0.2°	395mm	100mm	175, 190, 205, 225 °C
105C	10-105C	Solvents Distillation	198 to 252 °C	0.2°	395mm	100mm	200, 215, 230, 250 °C
106C	10-106C	Solvents Distillation	223 to 277 °C	0.2°	395mm	100mm	225, 240, 255, 275 °C
107C	10-107C	Solvents Distillation	248 to 302 °C	0.2°	395mm	100mm	250, 265, 280, 300 °C
108F	10-108F	Saybolt viscosity	270 to 290 °F	0.5°	275mm	total	275, 285 °F
109F	10-109F	Saybolt viscosity	320 to 340 °F	0.5°	275mm	total	325, 335 °F
110C	10-110C	Kinematic viscosity @ 135 °C	133.6 to 136.4 °C	0.05°	305mm	total	0, 135, 136 °C
110F	10-110F	Kinematic viscosity @ 275 °F	272.5 to 277.5 °F	0.1°	305mm	total	32, 275, 277 °F
111C	10-111C	Tar Acid Distillation	170 to 250 °C	0.2°	395mm	100mm	170, 200, 250 °C
112C	10-112C	Solidification Benzene	4 to 6 °C	0.02°	215mm	total	0, 4, 5, 6 °C
113C	10-113C	Bituminous Materials Softening Point	-1 to 175 °C	0.5°	406mm	total	0, 50, 100, 150, 175 °C
113F	10-113F	Bituminous Materials Softening Point	30 to 350 °F	1°	406mm	total	32, 122, 212, 302, 347 °F
114C	10-114C	Aviation Fuel Freezing Point	-80 to 20 °C	0.5°	300mm	total	-75, -60, -40, 0 °C
114F	10-114F	Aviation Fuel Freezing Point	-112 to 70 °F	1.0°	300mm	total	-103, -76, -40, 32 °F
115C	10-115C	Beckman Differential	0 to 6 °C	0.01°	610mm	stem	every 1 degree across its scale
116C	10-116C	Bomb Calorimeter	18.9 to 25.1 °C	0.01°	609mm	total	19, 20, 21, 22, 23, 24, 25 °C
117C	10-117C	Bomb Calorimeter	23.9 to 30.1 °C	0.01°	609mm	total	24, 25, 26, 27, 28, 29, 30 °C