

TIME/TEMPERATURE RELATIONSHIPS IN SCALDS

TEMPERATURE	TIME FOR MILD FIRST DEGREE BURNS	TIME FOR PERMANENT SECOND DEGREE BURNS
120°F (49°C)	3 MINUTES	9 MINUTES
122°F (50°C)	1 MINUTE	5 MINUTES
125°F (52°C)	30 SECONDS	90 SECONDS
131°F (55°C)	5 SECONDS	25 SECONDS
140°F (60°C)	2 SECONDS	5 SECONDS
149°F (65°C)	1 SECOND	2 SECONDS
154°F (86°C)	INSTANTANEOUS	1 SECOND