



Effects of Steel Thickness on Time to Reach Oven Set Temperature

GAUGE	METAL TO SET TEMP.	U.S. STD. PLATE IN INCHES
	32 min.	.5000= 1/2in.
00000	30 min.	.4375= 7/16in.
000	27 min.	.375 = 3/8in.
0	23 min.	.3125= 5/16in.
3	20 min.	.25= 1/4in.
7	17 min.	.1875= 3/16in.
11	13 min.	.125= 1/8in.
16	11 min.	.0625= 1/16in.
25	7 min.	.020=STANDARD Q PANEL

Oven Set Temperature: 400° F
Oven: Blue M Electric ESP-400C-5
Oven Temp. Recorder: Datapaq

This is only a reference guide. Your oven ramp up may vary.



Effects of Aluminum Thickness on Time to Reach Oven Set Temperature

GAUGE	METAL TO SET TEMP.	U.S. STD. PLATE IN INCHES
	25 min.	.5000= 1/2in.
00000	23 min.	.4375= 7/16in.
000	21 min.	.375 = 3/8in.
0	19 min.	.3125= 5/16in.
3	17 min.	.25= 1/4in.
7	15 min.	.1875= 3/16in.
25	5 min.	.020=STANDARD Q PANEL

Oven Set Temperature: 215° C
Oven: Blue M Electric ESP-400C-5
Oven Temp. Recorder: Datapaq

This is only a reference guide. Your oven ramp up may vary.