
SEALING IRON

OPERATING INSTRUCTIONS

For No. 4011 & 4011E Sealing Iron

First place the sealing iron on the included **metal stand** on a heat resistant surface such as a glass table top or something similar. Plug the iron's AC power cord into an appropriate wall outlet of 110 V. AC for iron number 4011 or 220 V. AC for iron number 4011 E with the temperature setting on low. If you do not know what the proper heat setting is for the covering material you have and wish to use, we recommend using the following procedure to determine the proper settings for that particular type of covering material.

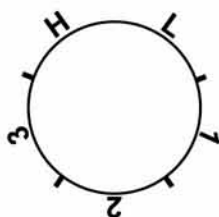
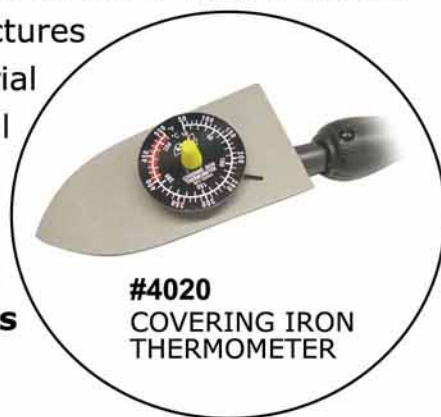
If your going to use a sock cover on your iron, make sure to put it on your iron before starting the testing procedures. There is a difference between the temperatures when using an iron sock and not using one.

Set the iron's heat control to a low temperature, let iron heat up for about 5 minutes in the stand, and with a scrap piece of balsa wood and a piece of your covering material test to see if the covering material sticks to the balsa wood without the material shrinking. If it melts the glue and the covering material sticks to the balsa wood without shrinking the covering material, the heat setting is most likely ok. If not, turn the temperature knob up to increase the temperature such that it will activate the material glue or down a little if the material starts to shrink and wait about 8 minutes, then test again to determine the proper setting. . Follow this procedure until you get the proper results. You only want the glue on the material to melt and the material to stick to the balsa wood. Once you have determined the proper setting for the material you are using, make a note of it and or with a file or knife mark the iron accordingly for future reference. This will save you from having to go through this procedure again for that particular covering material.

Make sure to make a note of what kind of covering material you are using and the setting for same.

The next step is to determine the proper shrinking temperature for the covering material you are using. Take your scrap piece of balsa with the covering material stuck to it, making sure that there is a portion of the material that is not stuck to the balsa. Increase the heat of the iron little by little waiting a minute or so for the iron to heat up and test till the covering material starts to shrink. You do not want the iron to get too hot when shrinking the covering material on your model. Thus, it is recommended that you carefully watch the shrinking process when testing and find a temperature setting that shrinks the material slowly. Once you have found this setting, make a note of it. You may want to mark this setting a little bit lower than what you experienced while testing as the iron may not have been up to the proper temperature while testing. With this type of iron the heat is regulated by the heating element going on and off, thus there is a slight difference between the cycles of on and off, that's why it's recommended to stay on the low side of your testing temperatures. Now you can switch between the two settings for application and shrinking.

This procedure is particularly good to determine the proper temperatures as there can be some temperature variation from iron to iron per the marked settings. The only way to determine the exact temperatures of the iron is to use a temperature gauge such as the # 4020 iron thermometer and follow the covering manufactures recommendations for the covering material being used. Please note: always use the metal stand when covering your models or doing patching. The foot could possibly become hotter at the back if placed on a surface and not in the stand as recommended. **Always use the metal stand.**



• Temperature dial reference

1	2	3	H
60°C ± 10%	105°C ± 10%	145°C ± 10%	210°C ± 10%
LOW ← → HIGH			