

Perma-Pad

TRADEMARK PAT. PEN.

- ★ Guarantees airtight easy playing
- ★ Permanent solid plastic pads
- ★ No maintenance problems
- ★ Self-sealing — no leaks
- ★ Impervious to water



INSTRUCTIONS

FOR INSTALLING "PERMA-PADS"
READ CAREFULLY

CLARINETS

1. Remove all keys from instrument, or one at a time, and remove old pad and cement.
2. Select a Perma-Pad that fits snugly, round side to the inside of cup. It should not squash in. You will find there are several extra various diameter Perma-Pads in order to accommodate all makes. There is a right Perma-Pad for each key. If the key cups are unusually deep, as they are in some instruments, it is best to put a thin piece of the old pad cardboard under the Perma-Pad, to act as a shim. We like to use a flute washer. Some model clarinets, require a thin pad. Our piccolo-oboe pads will take care of this.
3. Now take tube of cement supplied with kit, and apply a small amount in the key. Any other type of cement is not recommended. If you should happen to apply too much, it may ooze out, in which case wipe off excess with cloth.
4. Insert the selected Perma-Pad and level with a reed or similar object. Any air or surplus cement should be dispelled. Now put the key back on and let it down easy, and it should level itself relative to the tone hole. You might have to adjust it with a reed. When doing a complete set, it is well to let dry for two or three hours before playing. Single Perma-Pads can be installed without removing key in an emergency.

FLUTES

Most instruments can be padded in the aforementioned manner, but flutes will still require shimming with washers to level properly, due to the shape of the key cup. Proceed in this manner:

1. Select the Perma-Pad that fits the cup, shim Perma-Pad in the cup and level as close as possible to the tone hole after mounting. Use cement only for the three small Perma-Pads.

2. Now in order to insure a good airtight seat, close all the keys except the three small ones with wedges under feet, or clamps on top of keys, not too tight. The flute is now placed in an oven set at 225 degrees from five to ten minutes. Be sure not to go over this temperature or time. Free the keys and the Perma-Pads will have a nice shallow crease. If oven is not convenient, leave Perma-Pads under pressure two to three days. A reasonable crease will be obtained.

PICCOLOS - OBOES

These are padded in much the same manner as clarinets. For oboes, punch holes in Perma-Pads where cork pads were used.



CARE OF PERMA-PADS

In time the Perma-Pads may become dirty; remove keys, clean them with soap and water, carbon tetrachloride or cleaning solvent.

THE PERMA-PAD MFG. CO.

REPAIRMEN!

A NEW TECHNIQUE HAS BEEN DEVELOPED
SIMPLIFYING PADDING CLARINETS
AS FOLLOWS:

1. Apply cement to key cups and allow to dry for 5 to 10 minutes.
2. Mount all keys on body.
3. Insert proper size Perma-Pads, level and heat with a soft flame.

This assures a good bond, and the Perma-Pad cannot be pulled out. Be sure not to overheat or you will melt the Perma-Pad. If you wish to remove a Perma-Pad or relevel, merely warm the key cup and regulate. Another method is to heat only the five or more open keys, and any closed keys that are difficult to seat. The rest may be put in cold with wet cement, which is faster.

Manufacturers who are using "PERMA-PADS," have discovered that wood, hard rubber and plastic clarinets can be put in the oven, with the same beautiful results that flutes obtain without any effect on the body whatsoever. The pads are leveled, sealed and fused in the cup, all in one operation, saving many hours in padding.

Due to the longevity of "PERMA-PADS," some repairmen feel that their overhaul work will be curtailed. In answer to this, the following suggestions should put your mind at ease in this regard. First, you will have no trouble in getting \$5.00 extra for the job, due to the improved playing and lasting quality of PERMA-PADS. Secondly, after a period of time, when the instrument comes in for service, generally you can recommend a clean-up job without padding. For this service you should receive \$12.00 to \$15.00. Simply remove the keys, immerse them in a cleaning solution or cyanide, Perma-Pads and all, rinse, polish and reassemble. The horn is now ready for service again. This operation can be done in less than an hour. Many dealers will welcome this feature for rentals. We feel very sure that "PERMA-PADS" will increase your padding business.

Once you master putting in "PERMA-PADS," you will find it a pleasure, and will not want to go back to skin pads. We have found this true in our own shop, and so have manufacturers using Perma-Pads.

PERMA-PAD ACCESSORIES

RETAIL PRICE LIST

	PRICE	
Clarinet Kit	\$ 4.50 each	List
Flute Kit	\$ 4.50 each	"
Piccolo-Oboe Kit	\$ 4.50 each	"
Bulk Clarinet Pads	\$ 8.00 per C	"
Bulk Piccolo & Oboe	\$ 8.00 per C	"
Bulk Flute Pads	\$10.00 per C	"
Cement, small lead tubes	\$4.00 doz.	"
Oven for PERMA-PADS.	\$49.50 Net	
Quart cans for shop	\$3.00 qt. net	
Pint cans for shop	\$2.00 pt. net	
Trigger-type dispenser for shops, constructed for our particular cement	\$3.00 ea. net	