



ANIMAL ORTHO CARE

CUSTOM KNEE BRACE

CASTING INSTRUCTIONS

PLEASE NOTE: If you have not done casting on a live subject, we recommend you have someone or your veterinarian who has. A good cast will result in a good brace as the cast is the foundation of how we make the brace. If Fabrication confirms the cast unusable, it will need to be re-done, delaying the build process. If you have any questions on the process, please contact us at care@aocpet.com or 651-440-9321.

Items not included in your kit but will be needed to do the casting: Room Temperature/Cool Water in a bowl, Scissors

Casting steps:

- 1.) Watch the custom (stifle) knee brace casting video at <https://www.aocpet.com/pages/instructions>.
- 2.) Put the rubber gloves on (person who is casting will need these gloves)
- 3.) Position the dog's leg in a normal/corrected standing position, in which the dog's knee is not flexed more than 10 degrees.
- 4.) Have a second person put the stockinette on to the leg, going as high as you can up the thigh.
- 5.) While holding the stockinette up, place the cut strip along the front portion of affected limb with the groove facing up. This will give you a path to cut the cast off with the hook knife.
- 6.) Open the first fiberglass casting material package. Note: The air activates the tape just as much as water does. As soon as you open the casting tape, dunk it in water right away. Submerge the fiberglass in room temperature/cool water for 6-15 seconds. Squeeze out excess water.
- 7.) Quickly wrap the leg with 3-4 layers of fiberglass casting tape. Material will set up within 1-3 minutes which is why you need to work fast.
- 8.) Start the cast by wrapping the tape from just above the hock. Work your way down below the hock 1-2 inches, then work your way up to the thigh as high as you can. Cast snug.
- 9.) Smooth the cast with your hands, making sure to get all contours of the limb.
- 10.) Draw a line on the cast down the length of the cut-strip where you will be cutting.
- 11.) Cut down the line using the hook knife, being careful not to cut yourself. Pull cut-strip out from cast and remove cast, then use scissors to cut stockinette at the top if necessary.
- 12.) With a sharpie, write the dog's name on the cast and if the cast is for the right or left leg

Please return cast and fully completed Order Form to the address on the attached cover sheet.