



“Performance Casting”® Fiberglass Cast Tape Preparation Instructions

Product Description:

Performance Casting® cast tapes are made from a knitted fiberglass fabric which is impregnated with polyurethane resin. Any exposure to moisture or water will initiate the chemical reaction which will cause the material to become rigid.

This tape can be used to form a cast which is lightweight, porous, and sufficiently strong to maintain immobilization, alignment and support whenever these requirements are necessary in the treatment of musculoskeletal injuries. **It should only be used by a health care professional.**

Performance Casting® Cast Tape Set Times:

Setting time is approximately 3-4 minutes;

Weight bearing is approximately 30 minutes after setting.

Usage Instructions:

1. The area to be casted should be prepared with stockinet and padding. **Do Not** apply Performance Casting® cast tape to unpadded skin.
2. Protective gloves should be worn when applying and molding cast tape to protect the hands from non cured polyurethane resin which is difficult to remove and may cause irritation.
3. Select the proper width of the Performance Casting® cast tape. Open only one roll at a time to prevent hardening initiated by humidity.
4. The roll of tape should be immersed in room temperature water for approximately 5-10 seconds. Squeeze the roll gently several times while immersed to thoroughly wet the tape with water. This will initiate the chemical reaction which will cause the cast material to become rigid. After immersion, shake the tape gently to remove excess water. **NOTE:** Tap Water with a temperature range of 65 -75(F) (18-24 C) should be used. **Hot water** will cause the tape to set up faster, and cooler water will slow down the process.
5. Customary techniques for applying casting tape should be observed. Be sure that the Performance Casting® cast tape is applied in overlapping layers.
6. Four layers of Performance Casting® cast tape will provide a strong non-weight bearing cast, and a minimum of six layers is typically adequate for a weight bearing cast.
7. Bonding of layers can be achieved by rubbing the exterior of the cast tape with the open palm of the hand. (This will ensure proper lamination of layers)
8. After approximately 5 minutes, the casting tape should be set up.
9. Weight bearing strength is generally 30 minutes after setting.

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WARNINGS:

1. To prevent skin maceration from wet material under the cast, dry the cast and the underlying areas carefully after bathing or other activities during which the cast may become wet.
2. Use synthetic padding whenever possible. The cast applied over cotton padding **must be kept dry.**
3. To **Prevent** uncomfortably high temperatures during application **AVOID** the following:
 - a. **Hot Water** to activate the setting
 - b. **Excessive** number of tape layers
 - c. **Restriction** of air circulation around the cast
 - d. **Application** of hot melt “**Stick On**” walking heels first few minutes after completion of cast wrapping.

PRECAUTIONS:

1. Wear gloves when applying casting tape
2. Use water at a room temperature between 65 and 75F (18-24C)
3. **Do Not** apply the Performance Casting® cast tape to **unpadded skin.** Use synthetic stockinet and padding.
4. An inadequate number of cast tape layers may result in a weak or flexible cast.

Patient Instructions:

1. Patient must thoroughly understand the implications of getting cast wet. It is **absolutely necessary** for the patient to make sure the stockinet and padding are dried completely. This will require blotting the cast with towels and then using a blow dryer (hair dryer) to evaporate all excessive moisture in the stockinet and padding.
2. The patient should not insert anything under the cast alleviate itching. Use of objects such as coat hangers can cause severe skin irritation or they can become lodged underneath the cast
3. If the cast becomes soiled, it may be sponged with a minimal amount of soap or detergent solution and water. The cleaning solution must be thoroughly removed before it can seep through the cast and cause skin irritation.

Performance Casting® Cast Tape is available in 2”, 3”, 4” & 5” widths in white & colors. (Colors not available in 5”) Colors: Red, Green, Dark Blue, Light Blue, Yellow, Orange, Purple, Pink, and Black

**Manufactured in the U.S.A.
by
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