



FIRST  
ON THE  
WATER

## NRS FLEXSEAL TUBE SEALANT

Flexseal is a two-part urethane based sealant designed to help eliminate porosity and wicking problems in inflatables made of materials such as Hypalon, neoprene, EPDM, PVC, and urethane. Flexseal, will not harden or crack, is not affected by freezing, and remains flexible to -40-degrees F.

Note: Flexseal **will not** cure large punctures or seam leaks.

### Recommended:

Work in a well ventilated are (garage or shady area works well).  
Use a respirator and chemical resistant gloves (Nitrile).

### Boat Preparation:

Work area should be at least 60-degrees F.  
Inflate boat very firmly to check for leaks. Use soap/water solution to check for pinholes. A glycerin/water solution will find the smallest pinholes. Large high volume leaks will need to be repaired before adding Flexseal.

**Very Important: The inside of the tube must be dry before pouring in the Flexseal. Water will ruin uncured Flexseal**

### Directions:

1. Measure equal volumes of part A and B and pour into a container. Mix thoroughly.
2. Flexseal is usually added to the tube through the fill valve. Remove the fill valve and pour the desired amount of Flexseal into the tube. Try to avoid getting Flexseal on the inner valve piece (if you do, it should peel off after it cures). You can use a funnel to pour the mixture into the tube.
3. Reinstall the valve and inflate the tube.

**CAUTION:** Exercise care when adding Flexseal through a PVC valve (mouth valve). Flexseal will bond to PVC and any excess sealant could ruin the valve.

4. Distribute sealant along the area of the tube you want to seal by rocking and rotating the tube. Deflate the tube and knead the area to evenly distribute the Flexseal. You will feel the fabric sliding on the sealant. It is best to take a methodical approach in kneading to assure uniform coverage. Work problem spots a little longer.
5. Inflate tube to ½ inflation and let set 24 hours at 60-degrees F. Warmer temperatures will decrease cure time. It is important to exchange the air in the tubes several times during this period to release solvents. Do not allow the tubes to collapse and touch while Fleseal is curing.
6. If porosity is still a problem after 24 hours, a second application will usually remedy the leak.

**NOTE:** If sealant has dried on valve parts and is creating a problem, the sealant usually can be peeled from the valve.

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