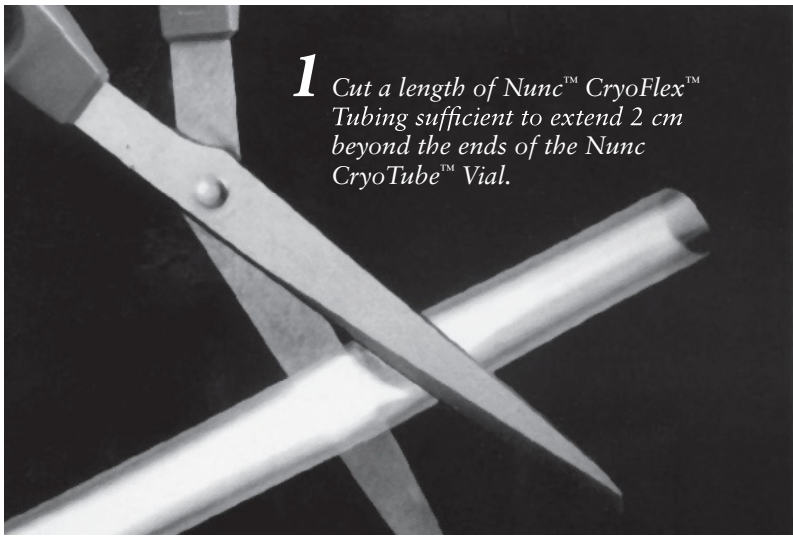
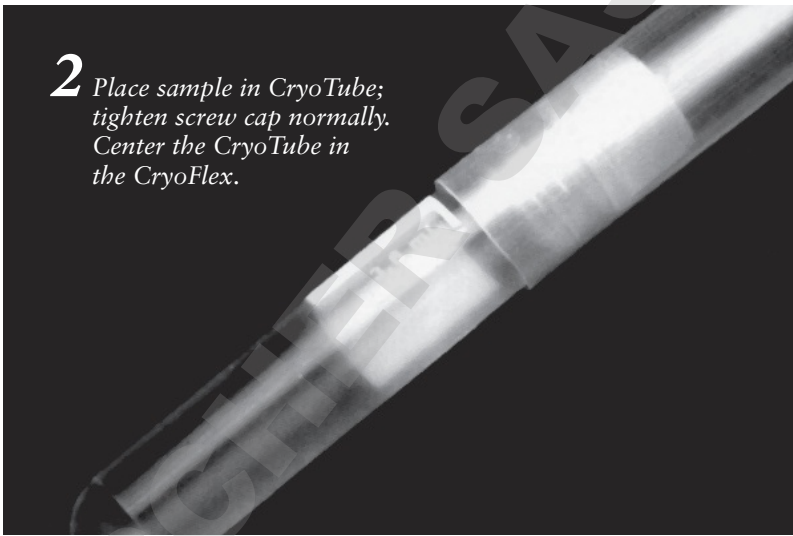


Thermo Scientific Nunc CryoFlex Tubing

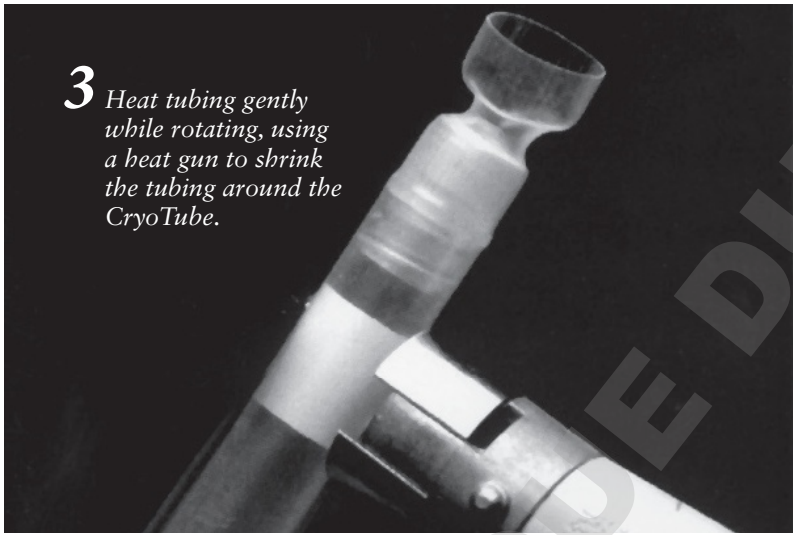
– Instructions for Use

A pair of scissors is shown cutting a piece of clear CryoFlex tubing. The tubing is held taut, and the scissors are positioned to cut it into a length that will extend 2 cm beyond the ends of a vial.

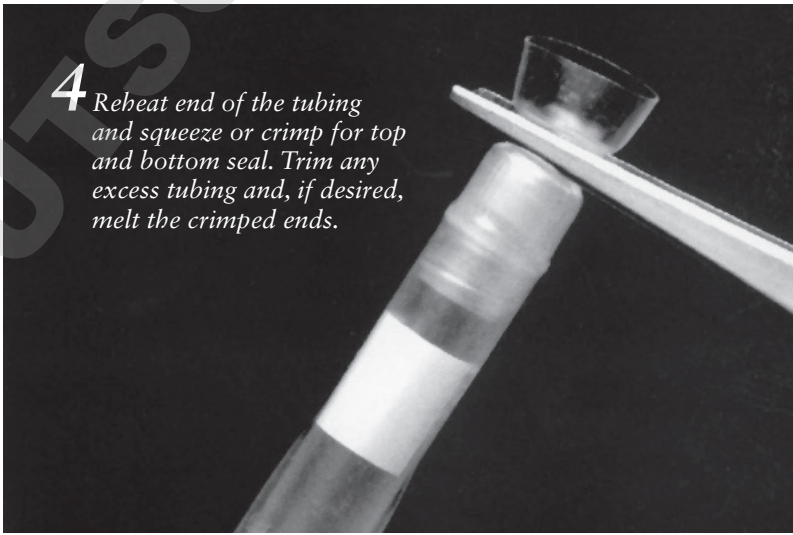
1 Cut a length of Nunc™ CryoFlex™ Tubing sufficient to extend 2 cm beyond the ends of the Nunc CryoTube™ Vial.

A clear CryoTube vial is shown with a screw cap. A piece of CryoFlex tubing is inserted into the vial, centered within the tube. The screw cap is being tightened onto the vial.

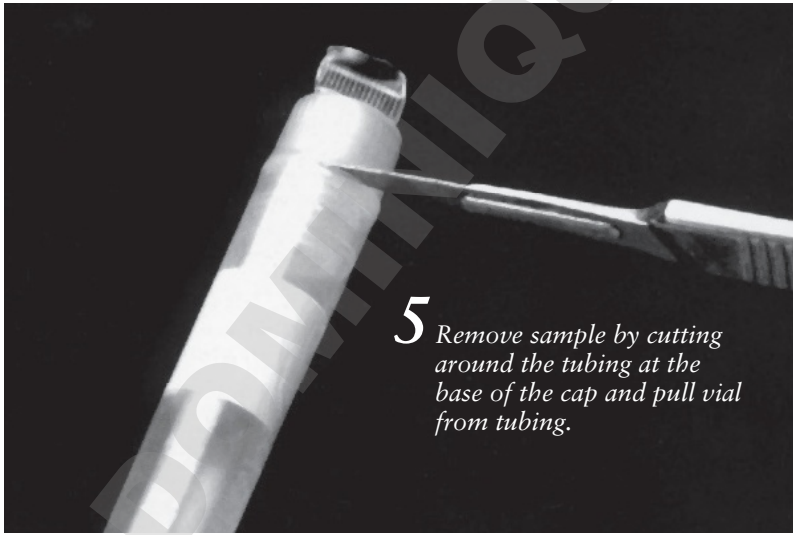
2 Place sample in CryoTube; tighten screw cap normally. Center the CryoTube in the CryoFlex.

A heat gun is being used to heat the tubing around the vial. The tubing is being rotated as it is heated to ensure it shrinks evenly around the vial.

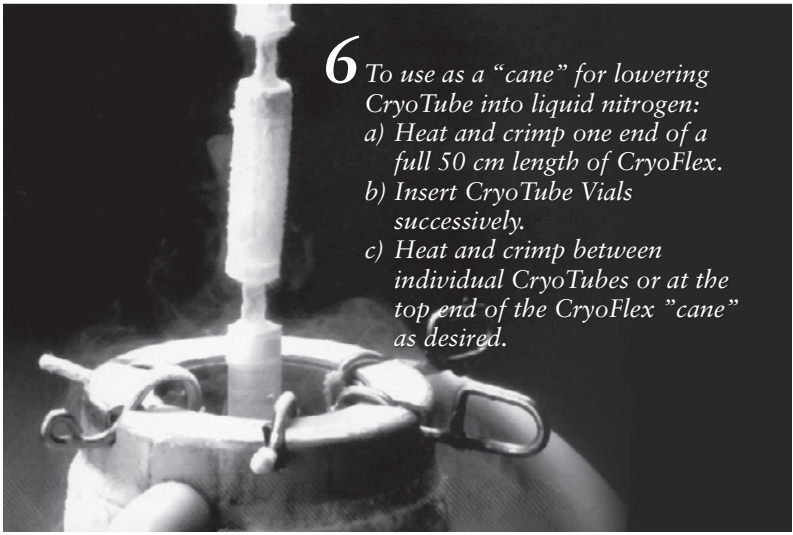
3 Heat tubing gently while rotating, using a heat gun to shrink the tubing around the CryoTube.

The tubing is being heated and crimped at both ends. A pair of pliers is used to squeeze the tubing to create a seal at the top and bottom. Excess tubing is trimmed, and the crimped ends are melted.

4 Reheat end of the tubing and squeeze or crimp for top and bottom seal. Trim any excess tubing and, if desired, melt the crimped ends.

A pair of pliers is used to cut the tubing around the vial at the base of the cap. The vial is then pulled away from the tubing.


5 Remove sample by cutting around the tubing at the base of the cap and pull vial from tubing.

A long piece of CryoFlex tubing is being used as a "cane" to lower a CryoTube vial into a container of liquid nitrogen. The tubing is held in place by a clamp. The vial is lowered into the liquid nitrogen.


6 To use as a "cane" for lowering CryoTube into liquid nitrogen:
a) Heat and crimp one end of a full 50 cm length of CryoFlex.
b) Insert CryoTube Vials successively.
c) Heat and crimp between individual CryoTubes or at the top end of the CryoFlex "cane" as desired.

Thermo Scientific Nunc CryoFlex


– Instructions pour l'usage




1 Couper une longueur de tuyau Nunc™ CryoFlex™ suffisant pour dépasser de 2 cm environ de part et d'autre du Nunc CryoTube™.




2 Mettre l'échantillon dans le CryoTube; visser normalement le capuchon. Placer le CryoTube à l'intérieur de la longueur de CryoFlex.



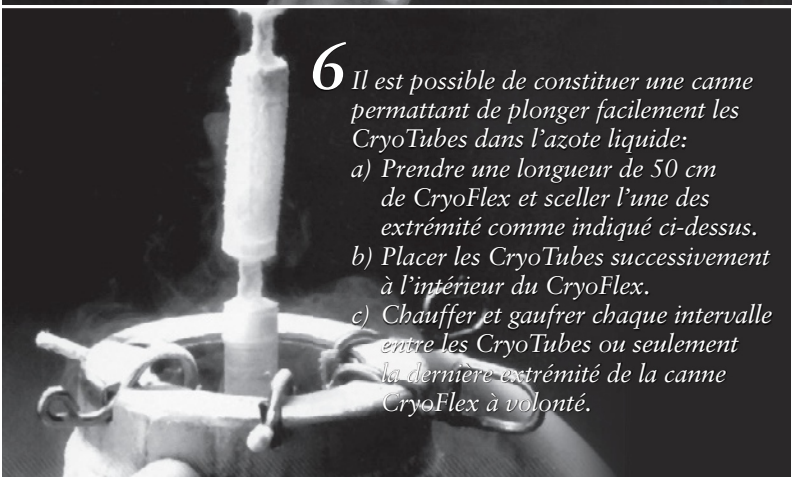
3 Chauffer le tuyau doucement à l'aide d'un pistolet chauffant, en vue de rétrécir le tuyau autour de CryoTube.



4 Chauffer à nouveau les extrémités du CryoFlex et presser ou gauffer pour sceller définitivement les deux extrémités gauffrées.



5 Pour retirer l'échantillon, découper le CryoFlex autour du joint silicone du CryoTube et dévisser le capuchon de ce dernier.



6 Il est possible de constituer une canne permettant de plonger facilement les CryoTubes dans l'azote liquide:

- Prendre une longueur de 50 cm de CryoFlex et sceller l'une des extrémité comme indiqué ci-dessus.
- Placer les CryoTubes successivement à l'intérieur du CryoFlex.
- Chauffer et gauffer chaque intervalle entre les CryoTubes ou seulement la dernière extrémité de la canne CryoFlex à volonté.

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