

MRI Compatibility

ALZET[®] Osmotic pumps can be used during MRI procedures by replacing the stainless steel flow moderator with tubing of the same length and outer diameter as the original flow moderator. One such material is PEEK[™] (polyetheretherketone) medical microtubing which has an outer diameter of 0.032 inches and an inner diameter of 0.018 inches and may be purchased from DURECT Corporation.

Our PEEK flow moderators are:

- Sold Sterile
- Pre-cut according to ALZET pump model
- Easily inserted by following our complete protocol (see our [MRI page](#))
- Great Chemical Resistance
- Biocompatible
- Sold in packages of 10

In addition, researchers may be interested in obtaining magnetic resonance images of the brain while infusing agents through a brain infusion cannula. When such an experimental procedure is required, a non-metallic brain infusion cannula must be used. Cannula systems compatible with ALZET osmotic pumps and made with non-metallic components, such as plastic, teflon, and fused silica, may be purchased from [Plastics One, Inc.](#)

PEEK[™] is a registered trademark of Victrex PLC