

## Anatomy of TechLite® Precision-Cut Pipe Insulation

Each TechLite® foam section is cut to specifications with allowances for nominal pipe sizing and field conditions so you will get a good fit every time. Our small diameter pipe insulation uses a ship lap joint and an oval offset on the ID to deliver a quality fit. Our larger, thicker sizes of pipe insulation have allowances designed in which further compensate for environmental conditions in the field. Like most foam insulation products, TechLite® will expand or contract slightly with changes in temperature and humidity. The relief cuts, ship lap joints and oval offsets combine to deliver a product that fits right, but is not too tight. No one benefits from insulation sections that won't close properly. The drawing below illustrates some of the features designed into the cut.

1. Ship lap joint (Larger sizes have relief cuts also in the ship lap joint itself as shown)
2. Relief cuts (only on larger, thicker insulation applications)
3. Oval offset cut. (The cut is compensated as pipe size increases)

