

## Featured Application: Case Inserts



## EPE Superior Foam Planks for Case Inserts.

EPE foams are mechanically blown and the beads are thermally heat fused to form a solid 6.25" plank product.

The uniform cell size, wall thickness, and density make for tight tolerance fabrication.

EPE materials are highly resilient and have excellent recovery properties to withstand high static loads and repetitive impacts for years of the most demanding service.

Expanded polyethylene is lighter than extruded PE and XLPE PE foams while offering the same or better dynamic cushioning.



- ✓ EPE meets CID-A-A-59136 Type I, III, IV, V
- ✓ Available in 6.25" planks and skived sheets
- ✓ 50% less part shrinkage, better dimensional tolerances
- ✓ Stronger heat bonding and glue laminations
- ✓ Less seaming and laminations required
- ✓ CNC routes very well (top left picture)
- ✓ Inert materials, No outgassing, < 0% LEL
- ✓ Temperature from -76F to 160F
- ✓ High chemical resistance
- ✓ No odor or chemical fogging
- ✓ EPE has the same compression and impact absorbing properties in all directions unlike extruded PE foams that requiring designs using the 2" extruded direction only.