

Foam-In-Place Head Restraint Assembly Seating



Woodbridge foam-in-place (FIP) capabilities address the challenges of components with complex geometries and tight dimensional tolerances. Our advanced foam process provides solutions for deep draw contours; vertical walls; sharp corners and edges; concave, convex, and undercut shapes; foam-in-place over large inserts; and foam injection without venting and no twist trim.

This product delivers a wrinkle-free fit-and-finish as well as enhanced levels of comfort and a noticeable feeling of quality touch points for today's high-functionality, interior trim components.

In the foam-in-place headrest process, the cut-and-sewn fabric is first placed in a mold, and polyurethane chemicals are injected into the mold and the foam begins to expand to fill the voids of the fabric. Our engineered foam-in-place assembly allows us to provide best in class quality and appearance for automotive headrests.

Applications

- + Headrests

Advantages

- + Increased trim design flexibility
- + Superior finished appearance
- + Repeatable performance
- + Improved environmental performance
- + Reduced cost
- + Reduced counter measures

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