

# Process Flow Diagram (PFD)

**Purpose:** A process flow diagram is a visual representation of the flow of a manufacturing process as well as the associated quality control checkpoints. Specific symbols are used to represent manufacturing processes, inspection points, decision points, documents, loops, and their interactions.

**A process flow diagram shall include:**

1. A review of the process flow of the given part starting with raw material and moving through to shipping of the finished goods.
2. Document all major manufacturing processes, quality check points, decisions, documents, and loops of the given part on a flow diagram.
3. Review the flow diagram and ensure the flow diagram matches the flow of the specific part.

Below is a link to a process flow diagram for an injection molded silicone part:

[Standard Flow Diagram](#)