

Manufacturing of Caps & Closures

Name of Project	Facility for Manufacturing of Caps & Closures
Project Location	Gelapukhuri, Tinsukia, Assam
Area Requirement	5,000-8,000 sq ft
Approx. Project cost	INR 78-97 lakh
Project Scale	Production capacity per day (for 16 cavity mould, for 22 hours) Bottle Cap (without rubber liner) : 63,360 pieces @20 seconds Bottle Cap (with rubber liner) : 50,688 pieces @25 seconds
Process	<p>Manufacturing Process</p> <p>In this injection moulding process, the cold, hard plastic material is loaded into the machine via hopper, plasticized by heating and then injected under pressure into a cold mould, where it sets and is then ejected as the finished products.</p> <p>The three successive main stages that are followed in the procedure of manufacturing</p> <p>Feeding of PP raw material into the hopper</p> <p>Injection moulding process.</p> <p>Finishing of the moulded product.</p>
Utilities	Electricity: 107 KW Water: 150 litre/min water will be circulated through fixed tank capacity is 15,000 -20,000 litre
Manpower Requirement	13 workers
Nodal Agency	Assam Industrial Development Corporation (AIDC)