

## LECTURE 4

### 4.0 SEMI-RIGID PACKAGING MATERIALS AND PACKAGE FORMS

#### 4.1 ALUMINIUM CONTAINERS

Advantages	Disadvantages
<ol style="list-style-type: none"><li>1. Convenience in preparation and serving of food. They withstand high temperature foods can be frozen in packages or cooled in it.</li><li>2. Protects food as an excellent barrier</li><li>3. Very Light</li></ol>	High cost as at now high technology of high capital intensity.

Types:

- Folded end
- Ovals
- Pie Plates
- Rectangular
- Rounds
- Squares
- Specialty Items

#### 4.2 SET-UP PAPERBOARD BOXES

Four Basic components

- (i) Paperboard
- (ii) Adhesive
- (iii) Coner Stays

(iv) Covering

Advantages : Convenience

Individuality

Strength

Reusability

Excellent Protection

Disadvantage: High cost

4.3 FOLDING PAPERBOARD CARTONS

4.4 MOLDED PULP CONTAINERS