

**SRI LANKA STANDARD 871 : PART 2 : 1989**

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**CODE FOR**  
**USE OF PLASTIC MATERIALS FOR FOOD**  
**CONTACT APPLICATIONS**  
PART 2 — POLYVINYL CHLORIDE (PVC)

**SRI LANKA STANDARDS INSTITUTION**

CODE FOR USE OF PLASTIC MATERIALS FOR FOOD CONTACT APPLICATIONS  
PART 2 : POLYVINYL CHLORIDE (PVC)

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Gr. 8

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FOREWORD

This Sri Lanka Standard was authorized for adoption and publication by the Council of the Sri Lanka Standards Institution on 1989-12-14, after the draft, finalized by the Drafting Committee on Food Packaging Materials, had been approved by the Agricultural and Food Products Divisional Committee.

Plastics are widely used in the manufacture of food packaging materials, food utensils and components of food processing equipment. It is generally accepted that the high molecular weight of polymers makes them essentially inert and insoluble in food and therefore do not pose toxic hazards. However, polymers may contain residues of monomers, low molecular weight polymers, processing aids and substances which are added to the polymer to modify its physical, mechanical or other properties during processing or usage. These residues may migrate into the food which is in contact with the polymer. Therefore, it is essential that the plastics materials and other additives used be such that any migration into the food from such materials are minimized. Even if any migration occurs it should not bring about any toxic hazard to the consumer of the food.

The extent to which the migration occurs is dependent on the type of plastic, contact area, rate of transfer of compounds, duration of contact and the type of food which is in contact with the plastic material.

Good manufacturing practices should be followed through out the manufacturing process, supply and usage of plastic materials for food contact applications.

This part is one of a series of standard codes for use of plastic materials for food contact applications.

This part covers basic polymers, processing aids and additives permitted for use in the manufacture and processing of polyvinyl chloride plastics for food contact applications. All permitted substances used shall be of high standard of purity.

The users of polyvinyl chloride plastics for food contact applications are advised that a written assurance be requested from the suppliers to ensure that the material contains only the permitted ingredients specified in this code. It should be noted that substances specified under permitted additives may have been incorporated in the polymer as supplied by the manufacturer in compliance with the specified levels. Therefore, formulators or processors intending to make additives to the polymers should do so, not to exceed the maximum level of use specified in this code.