

SRI LANKA STANDARD 797 : 1987

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SPECIFICATION FOR
**BLACK OFFSET INK FOR
GENERAL PURPOSES**

SRI LANKA STANDARDS INSTITUTION

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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 1987-10-08, after the draft, finalized by the Drafting Committee on Printing Inks, had been approved by the Chemicals Divisional Committee.

The purpose of this specification is to complement the specification for black letterpress ink, for general purposes (SLS 341). Black offset ink covered in this specification is intended for printing books, magazines and periodicals on offset papers.

Offset ink dries by oxidation/polymerization and absorption. There are two types of emulsification of offset inks namely, oil-in-water emulsification and water-in-oil emulsification. A method of assessing the resistance of the ink to emulsification in fountain solution has therefore been included in this specification.

All standard values given in this specification are in SI units.

For the purpose of deciding whether a particular requirement of this specification is complied with, the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with CS 102. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this specification.

In the preparation of this specification, valuable assistance derived from the relevant publications of the International Organization for Standardization, British Standards Institution, Indian Standards Institution and Federal Supply Service of the General Service Administration of the United States of America is gratefully acknowledged.

1 SCOPE

This specification prescribes the requirements and methods of sampling and test for black offset ink, for general purposes.