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**SPECIFICATION FOR
PVC INSULATED ELECTRIC CABLES
(FIRST REVISION)
PART 2 : NON ARMoured CABLES FOR
VOLTAGE UPTO AND INCLUDING 600/1 000V**

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
SPECIFICATION FOR PVC INSULATED ELECTRIC CABLES
(First revision)
Part 2 : Non armoured cables for voltage upto and including 600/1 000V

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FOREWORD

This standard was approved by the Sectoral Committee on Electric Cables and Conductors and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2010-10-15

SLS 987:2010 :Specification for PVC insulated electric cables, is the first revision of **SLS 987:1992** and this is published in two parts as follows:

Part 1:PVC insulated armoured cables for voltages of 600/1 000V and 1 900/3 300V

Part 2 : PVC insulated non-armoured cables for voltage up to and including 600/ 1 000V

This is the Part 2 of the standard and it specifies requirements, dimensions and methods of test of PVC insulated non-armoured cables.

Appendix A, B, C, J and K are informative.

Appendix D,E,F,G,H and L are normative.

For the purpose of deciding whether a particular requirement of the standard is complied with the final value, observed or calculated, expressing the results of a test or an analysis shall be rounded off in accordance with **SLS 102**. The number of figures to be retained in the rounded off value shall be same as that of the specified value in the standard.

In the preparation of this standard the assistance derived from BS 6346 : 1989 PVC insulated cables for electricity supply including Amd. No.1:1992 and Amd. No 2: 1993, published by British Standard Institution, is gratefully acknowledged.

1. SCOPE

This Sri Lanka Standard specifies requirements, dimensions and methods of test for PVC insulated cables for operation at nominal voltages up to and including 600 V to earth and 1 000 V between conductors.

This standard covers cables intended for general use where the combination of the ambient temperature and temperature rise due to the loading current results in a conductor temperature not exceeding 70 °C.