

Australian Standard[®]

**PRESSURE-SENSITIVE ADHESIVE
ELECTRICAL TAPES**

**Part 3.5—CELLULOSIC PAPER
TAPES WITH
THERMOSETTING
ADHESIVE**

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PREFACE

This Standard was prepared on behalf of the Association's Electrical Standards Board as a part replacement for AS 1621—1974, *Pressure sensitive adhesive electrical tapes*. It is identical with and has been reproduced from IEC 454, *Specifications for pressure-sensitive adhesive tapes for electrical purposes, Part 3: Specifications for individual materials*, Sheet 5(1980): *Requirements for cellulosic paper with thermosetting adhesive*.

The page numbers of the IEC English text are given on the bottom left corner of each page of this Standard.

This Standard is one of a series which deals with pressure-sensitive adhesive tapes for electrical purposes, the series being arranged as follows:

Part 1: General requirements (AS 1621.1)

Part 2: Methods of test (AS 1621.2)

Part 3: (Specifications for individual materials, published separately)

For the purposes of this Australian Standard, the cross-references to other publications should be replaced by references to Australian Standards as follows:

<i>Reference to IEC publication</i>	<i>Appropriate Australian Standard</i>
IEC 454 Specification for pressure-sensitive adhesive tapes for electrical tapes	AS 1621 Pressure-sensitive adhesive electrical purposes
Part 1: General requirements (IEC 454-1)	Part 1: General requirements (AS 1621.1)
Part 2: Methods of test (IEC 454-2)	Part 2: Methods of test (AS 1621.2)

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard

PRESSURE-SENSITIVE ADHESIVE ELECTRICAL TAPES

PART 3.5: CELLULOSIC PAPER TAPES WITH THERMOSETTING ADHESIVE

1. Scope

This part of the standard contains the requirements for pressure-sensitive adhesive tapes made of cellulosic paper, with thermosetting adhesive.

Designation of the product is: P-C/105/Ts.

2. General requirements

The material shall conform to the requirements stated in Part 1 (IEC Publication 454-1) of this standard. The limiting temperature and humidity specified in Clause 6 of Part 1 are to be taken to mean the maxima which occur in normal storage due to natural variation and not the maximum continuously permitted conditions.

2.1 Width

The measured width shall be in agreement with Sub-clause 5.2 of Part 1.

2.2 Length

The measured length shall be in agreement with Sub-clause 5.3 of Part 1.

3. Property requirements**3.1 Thickness**

The thickness shall be measured according to Clause 1 of Part 2 (IEC Publication 454-2).

The preferred nominal thickness shall be in the range of 0.1 mm to 0.2 mm.

The tolerance over the entire range of thicknesses shall be ± 0.025 mm.

3.2 Other requirements

When tested according to the relevant method described in Part 2, the material shall conform to the requirements given in Table I, below. It should be understood that the values given are *minimum* values of the central value obtained as the test result.