

# Methods of test for Adhesives —

## Part C14: 90° peel test for a rigid-to-rigid assembly

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# Foreword

This Part of this British Standard has been prepared under the direction of the Adhesives Standards Committee.

Peel testing of adhesive bonds is widely used for assessing the performance of adhesives and, because of the wide diversity of the flexibility of substrates which may be used, no single peel test will fulfil the requirements of all cases. This Part of this British Standard is intended to test an assembly consisting of two rigid adherends and is one of a series of peel tests.

The other tests in this series are as follows:

- *Part C9: Floating roller peel test;*
- *Part C10: Peel test for a flexible-to-rigid assembly;*
- *Part C11: 180° peel test for a flexible-to-rigid assembly;*
- *Part C12: 180° “T” peel test for a flexible-to-flexible assembly;*
- *Part C13: Climbing drum peel test.*

It should be understood that all tests in which one adherend is peeled from another involve complex stress distribution. At the separation of the adherends, there is a stress concentration resulting in rupture of the adhesive in the bond line, but there are other elements of force required to bend and strain the outer adherend. The force recorded is a compound of all these elements of force.

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## Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 4 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

This British Standard, having been prepared under the direction of the Adhesives Standards Committee, was published under the authority of the Executive Board and comes into effect on 31 August 1979

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## Amendments issued since publication

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