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Self adhesive tapes - Solvent penetration into adhesive masking tapes

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Tejp - Lösningssmedels inträngning i maskeringstape

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ICS 83.180

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Descriptors: adhesive tapes, painting, paints, varnishes, solvent resistance tests, penetration, solvents

English version

**Self adhesive tapes - Solvent penetration into
adhesive masking tapes**

Rubans auto-adhésifs – Mesure de la
pénétration des solvants dans les rubans
adhésifs de masquage

Klebebänder – Eindringen von
Lösemitteln in Abdeckklebebänder

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CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by the Technical committee CEN/TC 253 "Self adhesive tapes", the secretariat of which is held by AFNOR,

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 1996, and conflicting national standards shall be withdrawn at the latest by November 1996.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard specifies a method to give information regarding the resistance of the adhesive masking tape to paint solvents.

2 Definition

For the purposes of this standard the following definition applies :

resistance to solvents : The ability of a tape to resist exposure to such conditions after application and still perform satisfactorily.

3 Principle

Examination of a glass plate to which the adhesive masking tape has been applied for evidence of adhesive transfer after solvents have been applied to the exposed adhesive masking tape surface.

4 Materials

4.1 Solvent mixture No. 1

Butyl acetate	40 volumes
Toluene	25 volumes
Amyl acetate	10 volumes
Butyl alcohol	25 volumes

4.2 Solvent mixture No. 2

Xylene	90 volumes
Butyl alcohol	10 volumes

4.3 Cleaning materials

One of the following solvents:

methanol ;
methyl ethyl ketone ;
acetone ;
toluene.

Solvents shall be of general purpose chemical grade.

4.4 Diacetone alcohol

4.5 Lint free cotton wool or tissue