

# Technical Data Sheet – Master File

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## Pattex Transparent Contact Adhesive

EAN code: [6001091349072]

### Description

Pattex Transparent is a fast drying, clear contact adhesive.

### Application

Pattex Transparent can be used to bond the following substrates without the need for clamping:

- wood and chipboard
- cork
- felt
- leather
- ceramics
- rigid household plastics
- flexible PVC (e.g. pool loungers, beach balls, collapsible swimming pools)
- metals



The bond formed is clear and flexible. Pattex Transparent is not suitable for bonding plastics such as Polyethylene, Polypropylene and Teflon.

### Technical data

viscosity: approx. 2 200 mPa.s at 25 °C

total solids: approx. 20 %

density (SG): approx. 0.890 at 25 °C

drying time: approx. 10 min., varies with ambient temp, humidity, passage of air across substrates.

open time: approx. 20 min., varies with ambient temp, humidity, porosity of substrates

initial bond strength: approx. 80% of final bond strength achieved immediately

final bond strength: achieved after 24 hours

temperature resistance: -10 °C to +70 °C, depending on duration of exposure to heat and stress

### **Directions for use**

- For optimum results, use the adhesive between 15 °C and 25 °C.
- The surfaces to be bonded must be clean and free of dust and grease to ensure excellent bonding. Surfaces can be lightly roughed to improve the anchoring of the adhesive onto the substrate.
- Apply a thin film of Pattex Transparent to both surfaces using a spreader. Porous surfaces may require two coats, as the adhesive soaks into the substrate, leaving insufficient adhesive at the glue line for a satisfactory bond.
- Keep the lid on the tube when not in use.
- Allow adhesive to dry. This will vary with the ambient temperature, humidity, porosity of the substrates and the local ventilation. Test with the back of your fingers, not the greasy fingertips.
- Join carefully, (as moving the substrates after the initial touchdown will reduce the bond strength). Apply pressure. The strength of the bond formed is a function of the pressure with which the two substrates are brought together, rather than the duration of applied pressure.
- Remove excess adhesive with acetone or methyl ethyl ketone.

### **Clean up**

Spillage's can be cleaned with acetone, methyl ethyl ketone or Tangit Cleaner.

### **Storage**

Store in a cool, dry place. Optimum storage conditions are between 10 °C and 25 °C. Strict batch rotation must be observed.

### **Shelf life**

The life of an unopened container, stored correctly, is 12 months.

### **Health and Safety data**

Keep lid closed always. Do not smoke or work near machinery that produce sparks. The solvent vapors are flammable. Work in a well-ventilated area.

Wash hands after working with Pattex Transparent. Wear gloves in cases of prolonged exposure. Clean hands with solvent before the adhesive cures. Wash hands with soapy water before eating or drinking.

## **Pack sizes available**

50 ml card

## **HEALTH AND SAFETY**

Before using the product please see related Material Safety Data Sheet that is available on request.

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