



## Technical Data Sheet

# Tangit Dytex Solvent

## I. Material

**Product name:**

Tangit Dytex Solvent

**Intended use:**

Tangit Dytex Solvent is used for dissolving of surfaces made of PVC-U and PVC-C. It is used in conjunction with Tangit Dytex Adhesive.

**Packaging:**

1 liter tins

**Material type:**

Solvent-containing cleaner / dissolver based on methylene chloride.

**Shipping unit:**

6 tins of 1 l each

**Make sure to also observe the Technical Data Sheet for Tangit Dytex Special Adhesive!**

## II. Special features

Excellent cleaning and dissolving properties.

**Technical data**

**Raw material basis:**

methylene chloride

**Viscosity:**

low viscosity (liquid)

**Density (spec. gravity):**

approx. 1.32 g/cm<sup>3</sup>

**Consumption:**

For the production of 100 bonded joints the following **approximate** amounts of solvent are required:

Pipe dimensions					
- DN	50	65	80	100	125
- OD (mm)	63	75	90	110	140
Tangit Dytex Solvent (kg)	1.8	2.3	3.1	4.7	7.9

**Please note:** The adhesive amounts indicated above are maximum values based on practical experience. The actual consumption in a given application depends on working method, pipe gap and temperature.

### III. Instructions for use

#### **Pretreatment:**

Remove heavy dirt adherent to the surfaces to be bonded (pipe end outside, fittings inside). Then measure the fitting insertion depth (= bond length) and mark it on the pipe end so that the application of the required amount of adhesive and the complete insertion of the pipe can be checked.

Since Tangit Dytex Adhesive does not have a gap-filling property, the proper fit of pipe and fitting must be checked while still dry.

#### **Bonding:**

The final cleaning is done with Tangit Dytex Solvent. Soak white, lint-free tissue paper (from the roll) with the solvent and thoroughly clean the dry surfaces to be bonded until they are free of dirt and grease. Use a new piece of tissue paper for each cleaning operation. After that, brush Tangit Dytex Solvent onto the surfaces to be bonded (pipe end outside, fittings inside) until the surfaces have partially dissolved (slimy consistency, use fingernail to check).

Apply Tangit Dytex Adhesive in an axial direction with a brush onto the still partly dissolved surfaces and allow to dry for at least 30 seconds.

After the last application of adhesive, apply another coat of Tangit Dytex Solvent on both surfaces until they have a slimy consistency again. Immediately afterwards insert the pipe ends over the full fitting depth, without twisting or jamming. Hold fast for several seconds.

Since the adhesive cures rapidly, the parts must be joined within one minute after the last application of Tangit Dytex Solvent. At temperatures above 25°C, the open time decreases to less than 1 minute. When inserting the pipe, firm resistance must be felt. The adhesive bulge forming during insertion must be uniform and consistent. Immediately wipe off any excess adhesive.

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**Make sure to also observe the instructions given in the Technical Data Sheet for Tangit Dytex Special Adhesive!**

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## IV. Special instructions

At storage temperatures below 5°C, the materials (fittings, pipes, adhesives) must be allowed to reach a temperature of 20-25°C before use.

At high air humidity and/or low temperatures, condensed water or hoarfrost may form. If work is done at temperatures below 10°C, the surfaces to be bonded should be rubbed dry with clean tissue paper (without leaving paper traces) and hoarfrost be removed by the application of heat.

Tangit Dytex Solvent affects PVC. The materials should therefore not be exposed to any spilled solvent cleaner or to the tissue paper used for cleaning.

Tightly close the containers immediately after use in order to avoid solvent evaporation.

### Safety information:

Always keep the containers tightly closed and store them in a cool, well-ventilated place.

Avoid contact with skin, eyes and clothes. Do not empty product remains into sewage systems.

For further information refer to the leaflets and accident prevention regulations of the employers' liability insurance associations and the safety data sheet.

### Shelf life:

If stored at 20-25°C in the unopened original container, Tangit Dytex Solvent has a shelf life of at least 24 months from the date of filling.

Date of manufacture and batch number are indicated at the bottom of the tin.

### Internet:

[www.tangit.com](http://www.tangit.com)

This Technical Data Sheet is based on our present knowledge and experience.



### Please note:

The above information can only be of a general nature. As materials and conditions may vary with each intended application and thus are beyond our influence, we recommend that the user always carries out sufficient tests to ensure our products are suitable. No liability can be accepted for particular application results based on the information and instructions given in this leaflet.

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