


**Technical Data Sheet**

# Tangit PE/PP Cleaner

**For all plastic welded joints made of PE, PP, PB and PVDF**

## I. Material

**Product name:**

Tangit PE/PP Cleaner for all plastic welded joints made of the materials PE, PP, PB and PVDF.

**Material type:**

Cleaning agent based on ethyl alcohol.

**Intended use:**

Special cleaner for plastic welded joints, preferably made of polyethylene (PE), polypropylene (PP), polybutene (PB) and polyvinylidene fluoride (PVDF).

**Not suitable** for use with polyvinyl chloride (PVC-U/PVC-C) or acrylonitrile butadiene styrene (ABS).

**Packaging:**

1 l bottle

**Shipping unit:**

8 bottles of 1 l each

## II. Special features

- Excellent cleaning performance
- Dries without residue
- Defined, high degree of purity of the cleaning agent (meets the requirements of the test basis DVGW-VP 603)
- Suitable for use with ultrapure water
- Meets the KTW hygiene requirements (plastics for use with drinking water)

**Technical data**
**Raw material basis:**

ethanol (ethyl alcohol) 99.8 %

**Density (spec. gravity):**

approx. 0.79 g/cm<sup>3</sup>

**Consumption:** approximate amounts

Pipe dimensions: - DN - OD (mm)	25 32	32 40	40 50	50 63	65 75	80 90	100 110	125 140	150 160	200 225	250 280	300 315
Tangit PE/PP Cleaner (kg)	0.4	0.6	0.8	1.0	1.2	1.3	1.6	2.0	2.4	4.4	6.4	10.0

### III. Instructions for use

Please refer to the technical information provided by the pipe / fitting manufacturers for information on how to prepare the surfaces to be joined as well as for details concerning the specific technical preparation and welding of the materials.

General specifications concerning PE welded joints can be taken from the leaflet DVS 2207, part 1.

After preparing the surfaces for welding according to the technical information, they are thoroughly cleaned using white, non-dyed tissue paper.

#### Cleaning:

Before use, remove the tamper-proof closure. Open the bottle by pushing the safety lock inside the bottle while at the same time turning the cap (child-resistant push-and-turn closure).

Thoroughly clean the plastic parts to be welded with Tangit PE/PP Cleaner. For this purpose, wet white, non-dyed tissue paper well with cleaner and thoroughly clean the welding surfaces. Immediately before welding, wipe the parts to be joined dry with tissue paper.

After each welding operation, the welding tools must be cleaned with a clean cloth or dry paper.

**Only clean the welding tools with Tangit PE/PP Cleaner after they have properly cooled.**

### IV. Special instructions

Tangit PE/PP Cleaner is free of chlorinated hydrocarbons, miscible with water and completely biodegradable. Many of the cleaning agents still used today are not suitable due to their chemical basis or contain impurities that have a lasting negative effect on the welding quality.

Tangit PE/PP Cleaner is flammable. Solvent vapours can form explosive mixtures with air. Therefore ensure good ventilation during application and drying.

For further information refer also the safety data sheets.

No smoking and no welding in the working area and in the adjacent rooms! No open light or fire! Avoid any sparking!

The cleaner attacks cable insulations. Therefore keep cables away from spilled cleaner.

#### Shelf life:

If stored at 20°C, Tangit PE/PP Cleaner has a shelf life of at least 24 months from the date of filling.

Date of manufacture and batch number are printed on the bottom of the bottle.

#### 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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