Henkel Quality for Professionals

Technical Data Sheet

Tangit PE/PP Cleaning Tissues

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

I. Material

Product name:
Tangit PE/PP Cleaning Tissues for all plastic welded joints made of PE, PP, PB and PVDF.

Material type:
Tissues soaked with cleaning fluid based on ethyl alcohol.

Intended use:
Special cleaning agent 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:
Plastic box containing plastic bag with 100 shrink-wrapped cleaning tissues

Shipping unit:
8 boxes containing
100 cleaning tissues each

II. Special features

- Excellent cleaning performance
- Dries without residue
- Defined, high degree of purity of the cleaning fluid (meets the requirements of the test basis DVGW-VP 603)
- No-fluff, defined tissue quality with good tearing resistance
- 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 of solvent:
approx. 0.79 g/cm³

Consumption:

Pipe dimensions		Minimum number of cleaning tissues required per joint
DN	OD (mm)	
DN 25 - 50	32 - 63	2
DN 65 - 100	75 - 110	4
DN 125 - 200	140 - 225	6 - 8

As an alternative for larger dimensions Tangit KS Special Cleaner is available in bottles of 1 L.

Please note: Use a clean tissue for each cleaning operation.

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 Tangit PE/PP Cleaning Tissues.

Before use, remove the sealing cap from the original box. Take out the plastic bag and cut it open at the marked position.

Pull a tissue from the middle of the roll (but do not tear it off!), twist it into a point, thread it through the cross-slot of the cap and put the cap back onto the box. The cross-slot in the cap and the perforation of the cleaning tissues ensure that the tissues can be torn off easily and perfectly.

Cleaning:

Thoroughly clean the plastic parts to be joined by welding with Tangit PE/PP Cleaning Tissues. If necessary, wipe the parts dry with tissue paper immediately before welding.
After each welding operation, the welding tools must be cleaned with a clean cloth or dry tissue paper. **Only clean the welding tools with Tangit PE/PP Cleaning Tissues after they have properly cooled.**
After finishing the cleaning work, close the cap tightly to prevent the tissues from drying out.

IV. Special instructions

Tangit PE/PP Cleaning Tissues are free of chlorinated hydro-carbons, miscible with water and completely biodegradable.
The dry cleaning tissues can be disposed of as household refuse without problem.
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 Cleaning Tissues are flammable. Solvent vapours can form explosive mixtures with air. Therefore ensure good ventilation during application and drying.

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

For further information refer also the safety data sheets.

Shelf life:

If stored at 20°C, Tangit PE/PP Cleaner has a shelf life of at least 36 months from the date of filling.

Date of manufacture and batch number are visibly printed on the edge of the bag.

Internet:

www.tangit.com

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

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