THERMAFLEX ®

Technical Data Sheet

# Insulation Kit T-piece F600 and PU

## Insulation kit for insulating T branch connections of pre-insulated Flexalen® 600 and Flexalen® PU pipes

## Product application

• The insulation kit is for making T-piece assemblies on the construction site, this offers flexibility during installation.

You must assemble the set yourself.
The basic set consists of the following:

- Two T-kit half shells including 4400g 2K PU set, an assembly set (nuts, bolts, washers, and closing disc), Saba Boost, and a mixer and adapter.
- In addition, you must select three adapter sets matching the outer casing you wish to use.

Additional materials can be ordered for the best result.



**Disclaimer**
All recommendations and information provided on this data sheet are based on our knowledge and experience. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied or that any use of products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.

# Material information

## T-kit set

### T-kit half shells

- ABS material with a wall thickness of 4mm
- Total measurements are 930mm x 640mm x 280mm (L x W x H)

## Assembly set content (part for the T-kit)

### PU 2K foam pack

- Component A: Desmodur 44 v 20L, diphenylmethane-diisocyante, isomers and homologues
- Component B: elastopor H 2101/20 Polyol component

More detailed TDS/SDS PU 2K foam pack are available on request

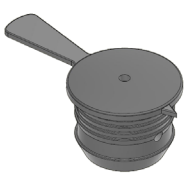
NOTE:

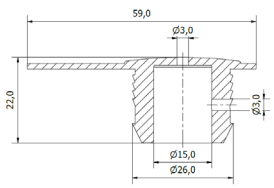
- This set includes 1 welding plug, which is not required for this application (it is an item that is included as standard in this PU set)

### Bolts and nuts

- 22 Allen bolts size M10 and nut. And M10 tooth washer.

## Ventilation plug






- 2x Ventilation plug; High density polyethylene. For venting during the foaming process.

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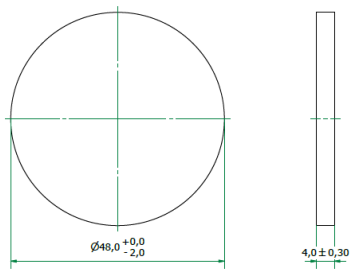
## Closing disc




- 2x closing disc ABS

## Sabatack 950 boost

- Sabatack® 950 Boost is an elastic, very fast boosted construction adhesive. Solvent-free, non-sagging, UV-stable, permanently elastic and (air) moisture-curing, based on MS polymer (1-component). Free of hazard symbols, silicones and isocyanates. The product is very easy to apply, odourless, shows hardly any shrinkage, has low sensitivity to blistering.
- The contents of the Sabatack are sufficient for 2 T-pieces
- can be applied with a standard pneumatic or battery-powered spray gun
- little waste, thanks to unique ‘duo sausage’ packaging
- process-secure, controlled curing because of the second component (booster)
- handling possible after approx. 2 hours
- Application temperature (min. / max.) +5 °C / +35 °C
- Packaging: 600ml duo sausage
- Shelf life: 12 months in unopened original packaging, if protected against moisture and direct sunlight
- Storage temperature (max.): +5 °C / +25 °C

## Adapter Sabatack 950 boost blue

## Mixer nozzle Sabatack 950 boost blue

- Fits on adapter Sabatack 950 boost blue.
- Static mixer for best result

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## Adapter set content

### T-kit adapter

- ABS material with a wall thickness of 4mm
- General measurements are 257mm x 200mm x (Dmax x L)

### Heat shrink-sleeve

- Heat-shrink sleeve: TPSM-PE heat-shrinkable, tubular sleeve for joint sealing. Adhesive is a high strength, visco-elastic sealant with low preheat for easy application.
- Backing is a radiation cross-linked, high density polyethylene with PCI (Permanent Change Indicator).
- keep the maximum storage temperature under control to avoid the shrinking process to start (this can already start at +50°C)

## Additional materials

### Sabaclean 48

Sabaclean 48 was developed for cleaning and degreasing different substrates. It can also be used for cleaning and/or rinsing equipment and for removing adhesive and sealant residues.

- The contents of the Sabaclean 48 are sufficient for 25 T-pieces.
- Base: organic flammable solvent
- Colours (standard): transparent
- Application temperature (min. / max.) +5 °C / +35 °C
- Shelf life: 18 months in unopened original packaging, if protected against moisture and direct sunlight. Limited shelf life after opening.
- Storage temperature (max.): +5 °C / +25 °C

Use Clean, dry, lint-free cloth for cleaning T-kit surfaces.

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# Saba primer 9910

SABA Primer 9910 has been developed for the durable bonding of SABA adhesives and/or sealants with various non-porous substrates, such as metals, plastics, coatings or lacquers.

- The contents of the Saba primer are sufficient for 25 T-pieces.
- Base: organic flammable solvent
- Colours (standard): transparent
- Application temperature (min. / max.) +5 °C / +35 °C
- Shelf life: 18 months in unopened original packaging, if protected against moisture and direct sunlight. Limited shelf life after opening.

Storage temperature (max.): +5 °C / +25 °C

Use Clean, dry, lint-free cloth for cleaning T-kit surfaces.

## Availability:

The T-kit basic set:

- Set consists of 2 T half shells, PU foam pack (including: 2 ventilation plugs and weldplug), bolt and nut set incl 2 closing discs, 1 Saba 950 boost sausage, adapter and mix nozzle 950 boost.

| Product code | Description | Casing pipe OD [mm] | Weight [kg] |
|---|---|---|---|
| 1756-090200-000 | Flexalen® Insulation T-Piece OD90-200 | 90 - 200 | 9.44 |

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2 half shells (identical)

PUR foam insulation + 2 ventilation plugs, 1 weldplug

22 Allen screws size M10, washers, and 2 closing discs

Saba 950 ser: boost sausage, adapter and mix noozle

The adapter set for the T-kit:

- Set consists of 1 adapter and matching heat shrink-sleeve.

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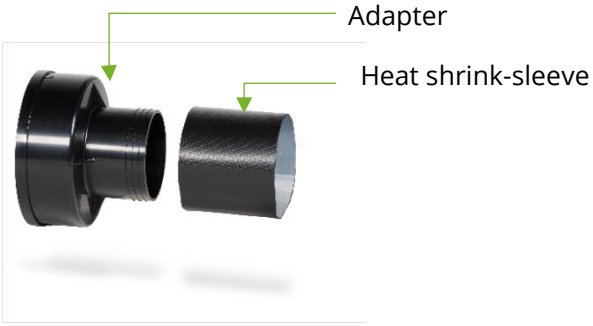
| Product code | Description | Casing pipe OD [mm] | Weight [kg] |
|---|---|---|---|
| 1756-200090-002 | Adapter + Shrink Sleeve OD90 Set for Ins. T-Piece | 90 | 0,806 |
| 1756-200110-002 | Adapter + Shrink Sleeve OD110 Set for Ins. T-Piece | 110 | 0,845 |
| 1756-200125-002 | Adapter + Shrink Sleeve OD125 Set for Ins. T-Piece | 125 | 0,839 |
| 1756-200140-002 | Adapter + Shrink Sleeve OD140 Set for Ins. T-Piece | 140 | 0,848 |
| 1756-200160-002 | Adapter + Shrink Sleeve OD160 Set for Ins. T-Piece | 160 | 0,82 |
| 1756-200180-002 | Adapter + Shrink Sleeve OD180 Set for Ins. T-Piece | 180 | 0,83 |
| 1756-200200-002 | Adapter + Shrink Sleeve OD200 Set for Ins. T-Piece | 200 | 0,792 |




ADDITIONAL RECOMMENDED

| Product code | Description | Unit | Weight [kg] |
|---|---|---|---|
| 3700-950000-001 | Saba Primer 9910 | for 25 T-pieces | 0,48 |
| 3700-950000-002 | Sabaclean 48 | for 25 T-pieces | 1,2 |

Extra to order materials Saba 950 products:

| Product code | Description | Unit | Weight [kg] |
|---|---|---|---|
| 3700-950000-000 | Sabatack 950 Boost | for 1 T-piece | 0.48 |
| 3700-950000-003 | Adapter Blauw | for 1 T-piece | 0.1 |
| 3700-950000-004 | Mixer Nozzle | 1 up to | 0.48 |

## Storage

Shrinkable casing joint straight and reduced:

- Store all items indoor
- Store on a flat surface and stable surface
- Protect from direct sunlight
- Storage temperature between +5 °C / +25 °C,.

PU 2K foam pack (additional storage information)

- Shelf lifetime up to 20 months from the specified production date, and when 2K PU foam is stored correctly between +15°C and +20°C and not exposed to direct sunlight!
- Keep PU packed sealed until use.