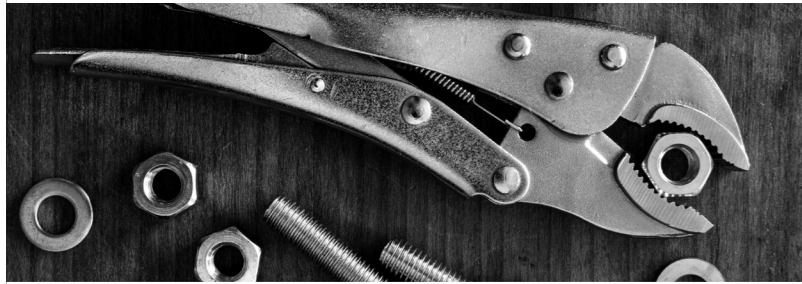
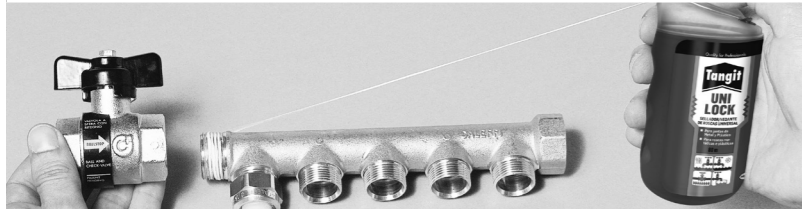


PRODUCT OVERVIEW



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Drinking water applications	Structural bonding with respective pipe material	Pressure pipe, downpipes	Swimming pool and jacuzzi hoses	Fast repair and emergency works	Hot water	Air-conditioning and refrigeration systems	Film bonding, polishing of PVC	Construction of chemical plants & acid-proof piping*	Preparation of PE/PP welding and Rapid system application	Preparation of solvent-based PVC-U/PVC-C/ABS bonding	Thread sealing	Temporary leakage elimination	House service lines exposed to pressing water	Repair of leaky house service lines	Fire Protection for pipes	Fire Protection for cables	Fire Protection for multiple penetrations	Ceiling penetrations, annular grates, MUK2005/DAR/RB-Alu	Structural joints, cracks, holes
Tangit	Tangit	Tangit		Tangit	Tangit														
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*Please, refer to www.gfps.com for detailed ChemRes support.

- For joining of PVC-U or PVC-C thermo-plastic piping systems
- High Strength
- Multi-purpose application

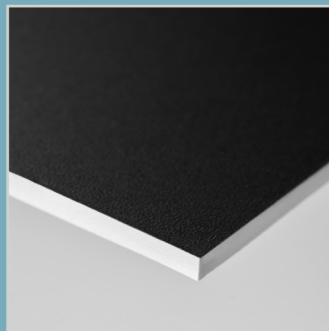
TANGIT RAPID

PIPE ADHESIVE



PACKAGING DETAILS

6 cartridges of 400 ml
6 cartridges of 50 ml



Bonded joints are waterproof and resistant against media in water technology mixtures. Construction bonding of PVC plates (e.g. catch basins or housings).

PRODUCT FEATURES

- Long open time of 8 minutes (at 20°C).
- For joining of PVC-U or PVC-C thermo-plastic piping systems according to EN ISO 15493.
- 2-Component Methacrylate Adhesive (1:1).
- Optimal gap filling and thixotropic.
- Multi-purpose application.
- Ideal for big dimensions.
- Easy and clean handling (without drops).
- Good resistance to mechanical loads (4 bar/hour).
- Approved for drinking water application.

INTENDED USE

- Tangit Rapid is suitable for producing tensile stress resistant connections between pipes and fittings made of PVC-U or PVC-C.
- Complies with DIN EN 14814.
- For EN ISO 15493 (PVC-U or PVC-C) piping systems.
- Suitable for leak repairing, information on request.

APPLICATION

- Cut off the pipe end at right angles, chamfer it from outside (15°) and debur it. Pre-clean and dry the surfaces to be bonded. Mark the fitting insertion depth on the pipe end.
- Make final cleaning with Tangit KS Cleaner Tissues. The cleaned surfaces must be dry before applying the adhesive.
- Dispense Tangit RAPID from the cartridge with dispenser and static mixer on the bonding area.
- Apply a uniform coat of adhesive in an axial direction with the plastic brush - first to the inside of the socket, then to the pipe. Apply thinly inside the socket in order to avoid the detrimental formation of beads inside the pipe, but apply generously to the pipe end.
- Wipe off excess adhesive from the plastic brush. Also removing of the dried adhesives is easily possible by slightly twisting.
- Immediately insert the pipe into the socket to stop resp. to full depth, without twisting or jamming. Hold fast for several seconds until the adhesive begins to dry. As the adhesive cures rapidly, the components must be completely joined within 8 minutes after application.
- Wait 12 hours after the last bonding before filling the pipes or performing leak tests (min. waiting time 4bar/h).

REQUIRED AMOUNT

- Sufficient for approx. 80 bonds at d = 63 mm (calculated for 400 ml).

PLEASE NOTE

- Open fire and sparking must be avoided at all costs.
- Ensure good airing and ventilation of the working area.
- Wear suitable protective clothing during work.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.



THE FIRST SOLVENT-FREE PVC PIPE ADHESIVE*

* Tangit RAPID is the first solvent-free PVC pipe adhesive for pressure pipe systems PVC-U / C according to EN 14814 and EN ISO 15493. It is certified acc. KTW, W270, ACS, WRAS, CSTB. The performance parameters are compared to the standard Tangit PVC-U pipe adhesives, based on internal measurements under the same conditions at 20 ° C.

- Approved for drinking water applications
- THF-free product
- Open time 3 minutes

TANGIT PVC-U PLUS PIPE ADHESIVE

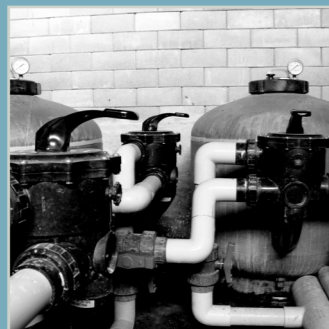


PACKAGING DETAILS

- 12 bottles of 500 gr
- 12 tubes of 125 gr



For the final assembly at a short-term construction site, e.g. when installing pumps for water ponds or building swimming pools.



When repairing or extending existing systems, e.g. later installation of a pipe branching.

PRODUCT FEATURES

- Approved for drinking water applications.
- Open time of approx. 3 minutes.
- The bonded joints are waterproof.
- Gap filling and thixotropic.

INTENDED USE

- For bonding of PVC-U pressure piping systems acc. EN 14814 with diameter tolerances up to +0.6 mm.
- Suitable for non-pressure piping systems acc. EN 14680 made from PVC-U according to EN ISO 15493 (PVC-U) EN 1452 and EN 1329.
- Not suitable for flexible PVC, please contact Technical Service.

APPLICATION

- Cut off the pipe end at right angles, chamfer it from outside (15°) and debur it. Pre-clean and dry the surfaces to be bonded. Mark the fitting insertion depth on the pipe end.
- Make final cleaning with Tangit Cleaner PVC-U/C/ABS. Spray the cleaner onto white tissue paper and thoroughly clean the dry surfaces to be bonded so that they are free of dirt and grease. Use a new piece of tissue paper for each cleaning operation. The cleaned surfaces must be dry before applying the adhesive. Any ice must be removed by careful heating.
- Stir Tangit PVC-U PLUS well before use. The adhesive should flow slowly off a stick held at an angle, forming a trail.
- In an axial direction apply a uniform coat of adhesive - first to the inside of the socket, then to the pipe. Apply thinly inside the socket in order to avoid the detrimental formation of beads inside the pipe, but apply generously to the pipe end.
- Immediately insert the pipe into the socket to stop resp. to full depth, without twisting or jamming. Hold fast for several seconds until the adhesive begins to dry. From d160 upwards, insertion is facilitated by using a pipe joiner.
- Remove any excess adhesive with tissue paper immediately after joining. As the adhesive cures rapidly, the components must be completely joined within the open time. Since the application of Tangit in tubes is more time consuming, this procedure should not be applied with pipes exceeding d90. From d90 upwards, the adhesive should be applied to pipe and socket simultaneously by two persons.
- During the first 5 minutes after bonding, the pipes must not be moved. The bonded pipes should be lowered into the trench after 10 to 12 hours. Wait 24 hours after the last bonding before filling the pipes or performing leak.

REQUIRED AMOUNT

- Sufficient for approx. 30 bonds at d = 63 mm (calculated for 500 gr).

PLEASE NOTE

- Open fire and sparking must be avoided at all costs.
- Ensure good airing and ventilation of the working area.
- Wear suitable protective clothing during work.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.



SUPERIOR. SUSTAINABLE. STRONG.



- Long open time of 4 minutes
- Excellent gap-bridging capability
- Excellent leakage protection

TANGIT PVC-U

PIPE ADHESIVE



PACKAGING DETAILS

12 tubes of 125 g
 12 tins of 250 g available with/without brush
 12 tins of 500 g available with/without brush
 6 tins of 1000 g available with/without brush



Installation of a sewage pipe in civil engineering.



The pipe adhesive can be applied with a soft paint brush.

PRODUCT FEATURES

- Long open time of 4 minutes.
- Easy bonding, even of larger dimensions (one person sufficient for pipes up to 80 mm).
- Easy and clean handling.
- Higher security thanks to excellent gap-bridging capability (low flow value).
- Maximum leak protection.
- The bonded joints are as resistant as the respective pipe material (exception: concentrated acids).
- Meets the requirements of EN 14814 and EN 14680.
- Complies with EN 1329 for discharging water with plastic piping systems.

INTENDED USE

- For bonding thermoplastic pressure pipe systems made of rigid PVC acc. to EN 1452.
- Suitable for pressureless pipe systems (draining of sewage) acc. to EN 1329.
- For installation and repair work (e.g. drain pipes).
- Ideally suited for the structural bonding of PVC boards and tiles (e.g. drip pans, casings).
- Plastic piping systems for industrial applications acc. EN ISO 15493.

APPLICATION

- Cut off the pipe end at right angles, chamfer it from outside (15°) and debur it. Pre-clean and dry the surfaces to be bonded. Mark the fitting insertion depth on the pipe end.
- Apply Tangit PVC-U/PVC-C/ABS Cleaner on absorbent paper tissues and thoroughly clean the dry surfaces to be bonded. – Use a new paper tissue for each cleaning operation.
- Stir the Tangit adhesive before use, then apply it lengthwise on both sides with a paint brush (thin coat inside the socket, generous coat on the pipe end), join the pipe and socket without twisting or jamming within the open time and hold fast for several seconds.
- Do not expose the bonded joint to mechanical stress for at least 5 minutes.
- Wait 10-12 hours after the last bonding before lowering the pipes into the trench.
- Waiting time before start of operation and execution of a pressure test: 24 hours in the case of new installations, 1 hour per bar in the case of repair work.

REQUIRED AMOUNT

- Sufficient for approx. 30 bonds at d = 63 mm (calculated for 500 g).

PLEASE NOTE

- Open fire and sparking must be avoided at all costs.
- Ensure good airing and ventilation of the working area.
- Wear suitable protective clothing during work.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

PRODUCT FEATURES

- Excellent mechanical properties, even at higher temperatures up to +80°C.
- Very good chemical resistance.
- Long service life, even in highly corrosive environments.
- Meets the requirements of EN 14814.

INTENDED USE

- For use in the presence of corrosive media* and high temperatures.
- Construction in metal and chemical industry.
- For warm and cold water installations.
- Also suitable for pressureless PVC-C pipe systems (draining of sewage) acc. to EN 1566.
- Plastic piping systems for industrial applications acc. EN ISO 15493.

APPLICATION

- Cut off the pipe end at right angles, chamfer it from outside (15°) and debur it. Pre-clean and dry the surfaces to be bonded. -Mark the fitting insertion depth on the pipe end.
- Apply Tangit PVC-U/PVC-C/ABS Cleaner on absorbent paper tissues and thoroughly clean the dry surfaces to be bonded. Use a new paper tissue for each cleaning operation.
- Stir the Tangit adhesive before use, then apply it lengthwise on both sides with a paint brush (thin coat inside the socket, generous coat on the pipe end), join the pipe and socket without twisting or jamming within the open time and hold fast for several seconds.
- Do not expose the bonded joint to mechanical stress for at least 5 minutes.
- Wait 10-12 hours after the last bonding before lowering the pipes into the trench.
- Waiting time before start of operation and execution of a pressure test: 24 hours in the case of new installations, 1 hour per bar in the case of repair work.

REQUIRED AMOUNT

- Sufficient for approx. 40 bonds at d = 63 mm (calculated for 700 g).

PLEASE NOTE

- Open fire and sparking must be avoided at all costs.
- Ensure good airing and ventilation of the working area.-Wear suitable protective clothing during work.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

- Permanently temperature-resistant up to + 80 °C
- Especially suited for hot-water* applications
- Excellent chemical resistance



TANGIT PVC-C

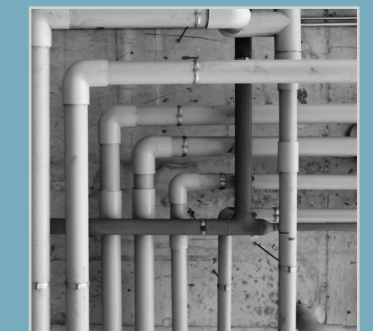
PIPE ADHESIVE

PACKAGING DETAILS

6 tins of 700 g



Construction of chemical and metal processing plants.



Chemical supply and hot-water lines, e.g. in treatment plants.

- Low-temperature resistant down to -40°C
- Especially suited for use in refrigeration and air-conditioning systems
- Excellent gap-bridging capability

TANGIT ABS PIPE ADHESIVE



PACKAGING DETAILS

6 tins of 650g



Construction of chemical plants and refrigeration systems.



Pipeline for refrigerations or cooled media.

PRODUCT FEATURES

- Ideally suited for low-temperature applications.
- Excellent gap-bridging capability.
- Open time of 1 minute.
- Resistant to alkalis, weak acids and salts.
- Low thermal conductivity allows use in refrigeration and air-conditioning systems.
- Complies with EN 1455 in pressureless applications (draining of sewage) and with EN ISO 15493 in pressure pipe systems.
- Meets the requirements of EN 14814.

INTENDED USE

- Air-conditioning and refrigeration systems.
- Refrigerant and brine lines.
- Water supply and water treatment.
- Plastic piping systems for industrial applications acc. EN ISO 15493.

APPLICATION

- Cut off the pipe end at right angles, chamfer it from outside (15°) and debur it. Pre-clean and dry the surfaces to be bonded. Mark the fitting insertion depth on the pipe end.
- Apply Tangit PVC-U/PVC-C/ABS Cleaner on absorbent paper tissues and thoroughly clean the dry surfaces to be bonded. Use a new paper tissue for each cleaning operation.
- Stir the Tangit adhesive before use, then apply it lengthwise on both sides with a paint brush (thin coat inside the socket, generous coat on the pipe end), join the pipe and socket without twisting or jamming within the open time and hold fast for several seconds.
- Do not expose the bonded joint to mechanical stress for at least 10 minutes.
- Wait 10-12 hours after the last bonding before lowering the pipes into the trench.
- Waiting time before start of operation and execution of a pressure test: at least 24 hours for new installations, 1 hour per bar for repair work – maybe longer in individual cases.

REQUIRED AMOUNT

- Sufficient for approx. 60 bonds at d = 63 mm (calculated for 650 g).

PLEASE NOTE

- Open fire and sparking must be avoided at all costs.
- Ensure good airing and ventilation of the working area.
- Wear suitable protective clothing during work.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

PRODUCT FEATURES

- Ensures a safe and reliable bond in conjunction with Tangit pipe adhesives.
- Reliably removes residues and soiling.
- Prevents leakage problems.
- Excellent cleaning performance.
- Very good dissolution performance.
- Constantly monitored and consistently high quality.
- High cleanliness - dries without residue.

INTENDED USE

- Cleaning agent for bonded joints made of PVC-U, PVC-C and ABS (use PP-/PE-/PB-/PVDF Tangit Special Cleaner for plastic weld joints).
- Required system component for Tangit solvent-based pipe adhesives.

APPLICATION

- Cut off the pipe end at right angles, chamfer it from outside (15°) and debur it. Pre-clean and dry the surfaces to be bonded. Mark the fitting insertion depth on the pipe end.
- Apply Tangit PVC-U/PVC-C/ABS Cleaner on absorbent paper tissues and thoroughly clean the dry surfaces to be bonded. Use a new paper tissue for each cleaning operation.

REQUIRED AMOUNT

- Sufficient for approx. 80 bonds at d = 63 mm (calculated for 1000 ml).

PLEASE NOTE

- Open fire and sparking must be avoided at all costs.
- Wear suitable protective clothing during work.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

- Reliably removes residues and soiling
- High cleanliness – dries without residues
- Optimum partial dissolution to ensure a reliable bond



TANGIT PVC-U/ C/ABS CLEANER

PACKAGING DETAILS

20 tin of 125 ml
20 tin of 1L



System component required for bonding all pipes in civil engineering and plant construction.



Cleaning and activation of the bonded surfaces is absolutely essential to ensure a reliable bond.

- For the bonding of thermoplastic piping systems made of PVC-U and PVC-C under pressure application
- Complies with EN 14814

TANGIT DTX

PIPE ADHESIVE



PACKAGING DETAILS

6 tins of 500 g



Installation of acid-proof piping, e.g. in the chemical industry.



Safe and reliable bonding of PVC piping.

PRODUCT FEATURES

- Preferred choice for use with chemicals/acids.
- Very high chemical resistance.
- Serviceable up to +60°C.

INTENDED USE

- Especially suited for acid-proof piping made of PVC-C and PVC-U.
- Construction of chemical plants.

APPLICATION

- Cut off the pipe end at right angles, chamfer it from outside (15°) and debur it. Pre-clean and dry the surfaces to be bonded. Mark the fitting insertion depth on the pipe end.
- Apply Tangit PVC-U/PVC-C/ABS Cleaner on absorbent paper tissues and thoroughly clean the dry surfaces to be bonded. – Use a new paper tissue for each cleaning operation.
- Stir the Tangit adhesive before use, then apply it lengthwise on both sides with a paint brush (thin coat inside the socket, generous coat on the pipe end), join the pipe and socket without twisting or jamming within the open time and hold fast for several seconds.
- Do not expose the bonded joint to mechanical stress for at least 5 minutes.
- Wait 10-12 hours after the last bonding before lowering the pipes into the trench.
- Waiting time before start of operation and execution of a pressure test: 24 hours in the case of new installations, 1 hour per bar in the case of repair work.

REQUIRED AMOUNT

- Sufficient for approx. 30 bonds at d = 63 mm (calculated for 500 g).

PLEASE NOTE

- Open fire and sparking must be avoided at all costs.
- Can be used for bonding gaps up to 0.4 mm difference in diameter.
- Suitable for pipe diameters up to d = 140 mm.
- Ensure good airing and ventilation of the working area.
- Wear suitable protective clothing during work.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.
- Please, refer to www.gfps.com for detailed ChemRes support.

PRODUCT FEATURES

- Ideal for polishing and refurbishing of old PVC surfaces.
- Excellent dissolving power for PVC materials.
- Ideally suited for mending PVC sheets (incl. pond liners).
- Smooths PVC surfaces so that they soil less quickly.
- Excellent polishability.

INTENDED USE

- For preparing the repair and extension of existing pipe systems.
- For revamping old and embrittled PVC surfaces.
- Ideal base for bonding PVC pond liners.
- For removing small scratches in PVC-For PVC handrails, casings or cabinets and transport boxes.

APPLICATION

Sheet bonding:

- Apply Tangit Solvent Cleaner with a well-loaded paint brush between the overlapping sheets, spread carefully and immediately afterwards press the sheet uniformly down. The bonding result can be even further improved by adding 10-15 % PVC sheet material of the same quality to the Tangit product.

Polishing:

- First, clean the PVC handrail with a clean, dry cloth.
- Spray Tangit Solvent Cleaner onto a lint-free piece of cloth and rub the handrail down once (only in one direction). Depending on the surface condition, this process can be repeated any number of times.
- However, make sure that the surface has dried before treating it again. In the case of coloured handrails, discoloration may occur. We therefore recommend carrying out some polishing tests.

REQUIRED AMOUNT

- Depend on kind of application/surface.

PLEASE NOTE

- Open fire and sparking must be avoided at all costs.
- Wear suitable protective clothing during work.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

- Ideal for polishing and refurbishing of old PVC surfaces
- Very good dissolving power for PVC materials
- Excellent polishability



TANGIT ANLÖSER

DISSOLVER

PACKAGING DETAILS

12 tin of 1 L



Solvent welding of PVC sheeting, e.g. for installing ponds and swimming



Polishing and finishing brittle PVC surfaces, e.g. handrails and furniture made of plastic.

- Reliably removes residues and soiling
- High cleanliness – dries without residue
- Certified by the DVGW VP603 (German Technical and Scientific Organization for Gas and Water)

TANGIT KS CLEANER



PACKAGING DETAILS

- 8 bottles of 1 L
- 8 boxes of 100 cleaning tissues



System component for all PE pipe weld joints, e.g. when using electric welding sleeves.



Cleaning tissues: A special tissue, optimally soaked with cleaning fluid for ideal handling on site.

PRODUCT FEATURES

- Ensures the safe and reliable welding of PE/PP/PB/PVDF plastic materials.
- Recommended cleaner for bonds with Tangit Rapid system.
- Excellent cleaning performance.
- Constantly monitored and consistently high quality.
- High cleanliness – dries without residue.
- Reliably removes residues and soiling.
- Spill-proof and tamper-proof bottle (acc. to DVGW - VP 603).
- Approved for potable water applications (meets the KTW requirements).
- Tangit Cleaning Tissues are absolutely lint-free (no fibre residues).

INTENDED USE

- For plastic weld joints made of PP-/PE-/PB-/PVDF.
- For preparing the welding of pipes, profiles, tiles/boards and sheeting.
- For the intensive cleaning of plastic surfaces.
- For cleaning and degreasing smooth surfaces.
- Required system component for Tangit Rapid.

APPLICATION

Cleaning Fluid:

Apply Tangit Special Cleaner PE-/PP-/PB-/PVDF onto absorbent paper tissues and thoroughly clean the dry contact areas. Use a new tissue for each cleaning operation.

Cleaning Tissues:

Always use Tangit Cleaning Tissues only once. Always use 1 tissue per fitting and pipe (2 tissues per bond) at $d = >63$ mm.

REQUIRED AMOUNT

Cleaning Fluid:

Sufficient for approx. 80 bonds at $d = 63$ mm (calculated for 1000 ml).

Cleaning Tissues:

Sufficient for approx. 50 bonds at $d = 63$ mm (calculated for 1 box/100 pcs).

PLEASE NOTE

- Open fire and sparking must be avoided at all costs.
- Wear suitable protective clothing during work.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.



DVGW Certified cleaner



- Always clean and trouble-free dosing from the dispenser
- Enables easy alignment of outlet taps
- Up to 55 % lower costs and 45 % faster than hemp

TANGIT UNILOCK THREAD SEALING CORD



PACKAGING DETAILS

- 1 display with 20 dispensers of 160 m each
- 1 display with 20 blister-card of 20 m each



Sealing of connection threads in HVAC engineering.



Ideal connection between plastic and metal. Easily re-adjustable to ensure a snug fit, e.g. of a tapping or feeder point.

PRODUCT FEATURES

- Very easy application.
- Immediately ready for use from the dispenser – no need for additional pastes.
- Replaces hemp/paste and PTFE tapes (Teflon®).
- One Tangit UNILOCK dispenser replaces approx. 20 rolls of Teflon® tape.
- Up to 55 % lower costs and up to 45 % faster than hemp (acc. to a REFA time study).
- Enables easy alignment of outlet taps.
- Instant sealing of water, gas and compressed air lines.
- Temperature resistant between -20°C and +130°C.
- Pressure resistant up to 16 bar.
- Gas and hot water approved acc. EN751-2 and DIN 30660 by DVGW.
- Hot drinking water approved acc. BS6920 by WRc.
- Drinking water approved acc. KTW by TZW.
- Adjustable up to 45°.

INTENDED USE

- Sealing of metal and plastic threads acc. ISO 7-1 up to 4" in water, gas and compressed air piping systems.
- Connection of outlet taps and pipe branches.
- Installation of compressed air lines.

APPLICATION

- Clean the thread and roughen it.
- Wrap the sealing cord around the thread with a certain tension (in thread direction).
- Run the cord laterally across the turns of the thread.
- Tighten the connection to achieve flank compression.
- Align the tap.

REQUIRED AMOUNT

- The number of wraps depends on the thread diameter.
- 160 m sufficient for approx. 400 threads (1/2" metal threads).
- Double number of threads required for plastic connections.

PLEASE NO TE

- Please also refer to our Technical Data Sheet and Safety Data Sheet.



THINK FAST. THINK LESS. THINK EASY.

THE FASTEST, CLEANEST AND MOST EFFICIENT SOLUTION TO SEAL PIPES.

- › Instant sealing performance
- › Easy and quick application
- › Re-adjustment up to 45° with no leakage



* Compared to hemp and paste, PTFE tape.



- Ideal for metal threads
- Very easy application
- Optimal to dose because of manageable dispenser

TANGIT METALOCK THREAD SEALANT



PACKAGING DETAILS

12 dispensers of 50 ml



To safely seal metal threads.



Optimal to dose due to manageable dispenser.

PRODUCT FEATURES

- Ideal for metal threads.
- Very easy application.
- Optimal to dose because of manageable dispenser.
- Easy to disconnect / disassemble with standard tools.
- Stable during vibrations.
- Lubricates for easy assembly.
- Temperature resistant between -50°C and +150°C.
- Hot water (up to 130°C) approved acc. EN751-1 by DVGW.
- Gas approved with standardised threads acc. EN751-1 by DVGW.

INTENDED USE

- Universally deployable thread sealing for all metal threads acc. ISO 7-1 up to 3", to directly seal water-, gas- and pneumatic pipes.
- Especially suitable for quick processing at low temperatures, e.g. outdoor maintenance work.
- Ideal for hot-, cold-, water and gas and gas piping systems (not allowed for gas indoor installation acc. DVGW TRGI).

APPLICATION

- Clean the thread.
- Apply the product 360° in circular direction on to the beginning of the external thread, do not apply the product to the first turn of the thread.
- Force the material up to the thread root, to correctly fill up the intermediate spaces.
- Join the pipe thread together according to customs, until the alignment is correct.

REQUIRED AMOUNT

- The usage is dependent on the thread diameter.
- Sufficient for approximately 150 threads by 1/2" threads.

PLEASE NOTE

- Properly tightened fittings will seal instantly to moderate pressures. For maximum pressure resistance and solvent resistance allow the product to cure a minimum of 24 hours.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

PRODUCT FEATURES

- Ideal for plastic and plastic-metal threads.
- Very easy application due to manageable tube.
- Easy to disconnect / disassemble.
- Stable during vibrations.
- Lubricates for easy assembly.
- Temperature resistant between -50°C and +150°C.
- Drinking and hot water (up to 85°C) approved acc. BS 6920 by WRAS.
- Gas approved with standardised threads acc. EN 751-1 and DIN 30660 by DVGW.

INTENDED USE

- Universally deployable thread sealing for all metal and plastic threads acc. ISO 7-1 up to 3", to directly seal water-, gas- and pneumatic pipes.
- Ideal for hot- and cold water leading plastic threads and plastic / metal piping in industry and agriculture or wastewater systems.

APPLICATION

- Clean the thread with a damp cloth or paper towel.
- Apply the product to the internal- and external thread.
- Work the material into the threads to ensure good wetting.

REQUIRED AMOUNT

- The usage is dependent on the thread diameter.
- Sufficient for approximately 210 threads by 1/2" plastic threads.

PLEASE NOTE

- Please also refer to our Technical Data Sheet and Safety Data Sheet.

- Ideal for plastic and plastic-metal threads
- Very easy application due to manageable tube

TANGIT PLASTICLOCK THREAD SEALANT

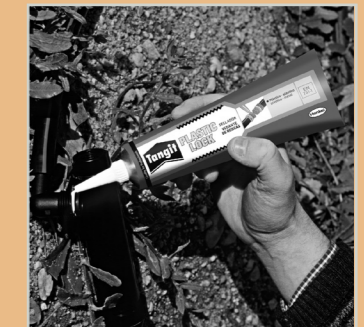


PACKAGING DETAILS

12 tubes of 100 ml



To safely seal plastic threads.



Easily and fast application

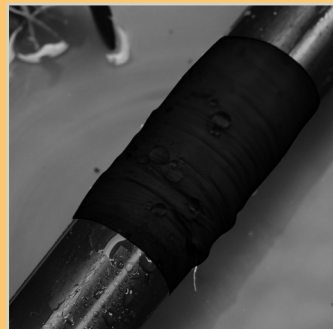
- Non-sticky & self-fusing
- For multipurpose insulating and sealing jobs
- For fast and temporary repairs.

TANGIT FIX IT PIPE TAPE



PACKAGING DETAILS

8 blister cards of 3 m



Temporary repair of pipe systems.



All-purpose repair.

PRODUCT FEATURES

- Self-fusing tape for fast and temporary repairs, application on wet surfaces is possible.
- Also suitable for insulations or protective wrap. UV resistant.
- Pressure resistant up to 4 bar.

INTENDED USE

- For temporary repair, sealing, isolation and assembly of pipes, hoses and conduits.
- For professional and DIY use.

APPLICATION

- Peel away 5-10 cm of the liner, press band end firmly on surface and wrap under strong tension.
- Depending on intended use, apply annular overlaying (e.g. Pipe repair) or with 2/3 overlap (pressureless, e.g. insulation, protective wrap).
- Cut tape from roll and finish wrapping by overlapping end over previous layer.

REQUIRED AMOUNT

- Sufficient for approx. 8 joints at d = 1" (calculated for 3 m).

PLEASE NOTE

- Store unused product in a cool and dry place away from direct sunlight.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.



FIX IT, THE SELF-FUSING MULTIPURPOSE REPAIR WRAP.



- › For all leakages in and around the house
- › Pressure resistance up to 4 bar*
- › Elastic x 3

*Tested on PVC pipes with a leakage of 2mm diameter with an annular application of 12 overlaying wraps.



- Only one product for all kind of lead-ins
- Self-expanding, reliably closes all passages
- Functional strength reached after only 5 minutes, final strength after 30 minutes

TANGIT M3000

2-C EXPANSION RESIN



PACKAGING DETAILS

10 Cartridges of 150 ml
6 Cartridges of 300 ml



The fast and safe solution for all single and multiple service connections.



Any size and shape of cross-section or passage is reliably closed.

PRODUCT FEATURES

- Durably gas- and watertight (against non-pressing water).
- Only one product for all kind of lead-ins (all diameters and even multiple penetrations).
- Precise self-adjusting form filling fits perfectly into every shape and reliably closes all passages.
- Ready-to-use and easy handling (No need for time-consuming work preparation; no need for electricity or water).
- No shrinking, high tensile and torsion resistance due to flexible material properties.
- Fast installation and curing within 5 Minutes.
- Economical high quality solutions.
- Repair work can be done from inside the building.
- Tested 100% water and gas tightness acc. VP601. by DVGW (German Technical and Scientific Organization for Gas & Water) and the Fraunhofer Institute.

INTENDED USE

- Single and multiple service connections.
- Repair of leaky ducts and passages.
- Wall ducts for sewage pipes and cables.
- Well sinking.

APPLICATION

- Substrate and pipes must be clean and free of grease.
- Remove the cartridge cap, screw on the mixer – ready for use!
- Easy removal of partial amounts – no unused product remnants.
- In the case of pressing water additionally use sealing hose M 4082.

PLEASE NOTE

- Please also refer to our Technical Data Sheet and Safety Data Sheet.
- Tangit M 3000 can only be used with a 2-C cartridge gun, like FP520.



**WORKS ALSO AGAINST
PRESSURIZED GROUNDWATER!**

- Durably tight against pressing water
- Self-sealing (expanding) on contact with water
- Ideally suited for repairing leaky passages

TANGIT M4082 SEALING HOSE



PACKAGING DETAILS

6 hoses of 80 cm length



Wrap the M4082 sealing hose around the pipe, ...



...insert the pipe and seal it on both sides with M 3000 – finished!

PRODUCT FEATURES

- Durably watertight – also against pressing water (10m water column = 1bar).
- Very easy and safe installation.
- Self-sealing (expanding) on contact with water.
- Repair work can be done also from inside the building.
- Eliminates the risk of water seeping into the insertion area.
- Unlimited shelf life as long as the packaging is intact.
- Developed in cooperation with the Fraunhofer Institute.

INTENDED USE

- House service lines exposed to pressing water.
- Repair of leaky ducts and passages.
- Wall ducts for sewage pipes and cables.
- Sealing of wellheads.

APPLICATION

- The M 4082 Sealing Hose can only be used in combination with M 3000 Expansion Resin.
- M 4082 needs to be wrapped at least three times around the pipe.
- The sealing hose must be embedded on both sides with M 3000.

REQUIRED AMOUNT

- 1 sealing hose is sufficient for one commonly used house service line.

PLEASE NOTE

- Please also refer to our Technical Data Sheet.
- Special lengths are available on request.

PRODUCT FEATURES

- Highest quality for intensive users.
- Optimized squeezing for easy and precise injection of 2-component foam.
- Low gun weight to ensure tireless working.
- Matched especially for use with Tangit M 3000 Foam and Tangit FP 550 Foam.
- European brand quality.

INTENDED USE

- For injecting Tangit M 3000 House-Lead-in Foam and Tangit FP 550 Fire Protection Foam.
- For the professional use of 2-component cartridges.

REQUIRED AMOUNT

- Withstands at least 1,500 cartridge operations.

PRODUCT FEATURES

- Optimized design to ensure ease of squeezing and homogeneous mixing.
- Matched especially for use with Tangit M 3000 Foam and FP 550 Foam.
- Patented Swiss brand technology.

INTENDED USE

- Homogeneous mixing of the two components of Tangit M 3000 House-Lead-in Foam and Tangit FP 550 Fire Protection Foam.
- Additional mixers for the removal of residues from opened M 3000 and FP 550 Foam cartridges.

REQUIRED AMOUNT

- 1 mixer per operation.

- Highest quality for intensive users
- Low gun weight



TANGIT FP520 CARTRIDGE GUN

PACKAGING DETAILS

1 gun

- Matched for use with Tangit M 3000 Foam and FP 550 Foam
- Patented Swiss brand technology



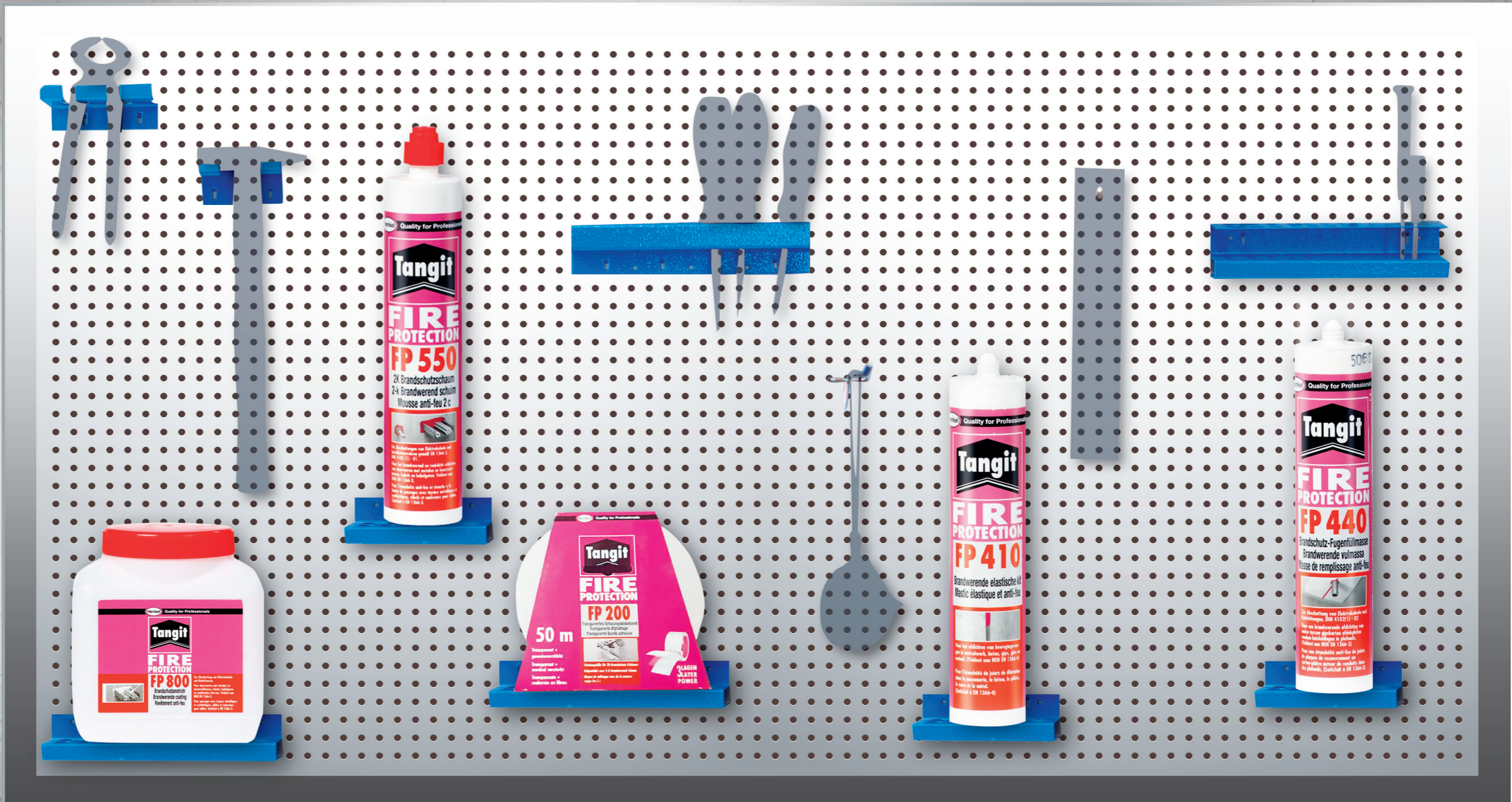
TANGIT FP504 SPARE MIXERS

PACKAGING DETAILS

4 bags with 10 mixers

FIRE PROTECTION PRODUCT OVERVIEW.

FAST - INTELLIGENT - SAFE



- Up to 60% faster installation - certified by REFA
- Reliable self-expansion for sealing most different passages
- Excellent, cost-saving foam yield (approx. 3.5 litres)

TANGIT FP550

2C FIRE PROTECTION FOAM



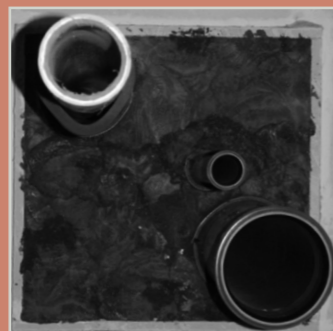
Core product

PACKAGING DETAILS

6 cartridges of 300 ml



Core product of the Tangit system. FP 550 acts fast, self-expanding and is very economical in use.



Simply inject into the upper area of the penetration – FP 550 expands and fills all cavities.

PRODUCT FEATURES

- Very fast installation of medium-size bulkheads with multiple penetrations (up to 60% faster - certified by REFA time efficiency study).
- Even suitable for first-time users after prior instruction.
- Also suited for lightweight partition walls from 10 cm wall thickness upwards.
- Fire-resistant and smoke-tight for at least 90 minutes.
- Self-expanding for sealing most different cable/pipe ducts regardless of the penetration size and shape.
- Flexible and uncomplicated later installation of cables and pipes (up to 60 % faster).
- Excellent, cost-saving foam yield of approx. 3.5 litres per cartridge.
- Rapid curing: cuttable after approx. 4 minutes, final strength after approx. 20 minutes.
- Meets the requirements of DIN 4102 and MLAR 2005/LAR/RbALei.
- Future-proof due to compliance with the European standard EN 1366.
- Hardly inflammable acc. to DIN 4102 (B1).

INTENDED USE

- For fire-resistant and smoke-tight sealing of pipe, cables and cable trays as well as mixed penetrations.
- For openings from 50 x 25 to 35 x 35 cm resp. 35 cm diameter.
- Very well suited for acoustic and thermal insulation.

APPLICATION

- The substrate must be clean and dust-free.
- Discard the pre-foam (approx. 3 squeezes) until the material is completely mixed.
- The foam is cuttable after only approx. 4 minutes.
- After cleaning the opening, the cartridge can be closed again.
- Spare mixers are available (Tangit FP 504 mixers).
- Please refer to our "Tangit Fire Protection Handbook" for detailed application information.

REQUIRED AMOUNT

- Approx. 6 cartridges are required for an empty passage of 35 x 35 cm.

PLEASE NOTE

- Tangit FP 800 Fire Protection Coating is a required system component for use in conjunction with Tangit FP 550 Fire Protection Foam.
- Fire-resistant penetrations must be equipped with an identification plate.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

PRODUCT FEATURES

- Easy application by means of a soft paint brush.
- Sprayable (with a common airless gun).
- Forms a safe protective coat when exposed to heat.
- Free of halogens, heavy-metal compounds and organic solvents.
- Meets the requirements of DIN 4102.
- Approved by the DIBT (German Institute for Construction Technology).

INTENDED USE

- Final coating of pipes and cable ducts as well as mixed penetrations in conjunction with Tangit FP 550 Foam.
- Coating of cables, cable bundles and trays to protect against fire propagation.

APPLICATION

- The substrate must be clean and dust-free.
- Please refer to our "Tangit Fire Protection Handbook" for detailed application information.

REQUIRED AMOUNT

- Sufficient for approx. 2 penetrations of 35 x 35 cm (1 kg can).

PLEASE NOTE

- Tangit FP 800 Fire Protection Paint is a required system component for use in conjunction with Tangit FP 550 Fire Protection Foam.
- Fire-resistant penetrations must be equipped with an identification plate.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

- Forms a safe protective coat when exposed to heat
- Easy to apply
- Sprayable

TANGIT FP800

FIRE PROTECTION COATING



System component

PACKAGING DETAILS

2 cans of 1000 g



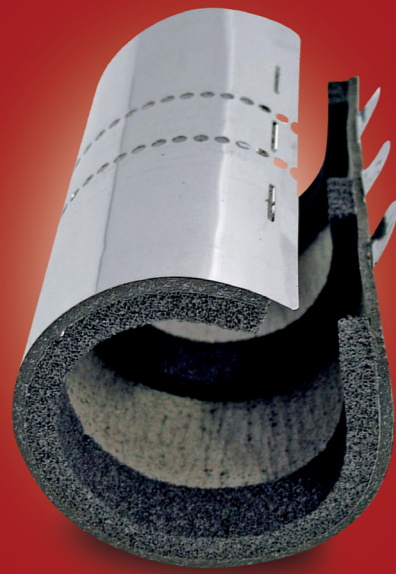
Final coating on FP 550 foam. Used as a system component for all penetration seals.



Final coating cables and cable trays up to 150 mm beyond the penetration.

- Insertion collar for one-sided installation
- No need for tools or drilling
- Only one sleeve per penetration

BIS PACIFYRE[®] MK II FIRE PROTECTION COLLAR



System component for flammable pipes

PACKAGING DETAILS

1 collar



Insertion collar for tool-free installation from one side: align – insert – finished!



Before inserting the sleeve, carefully thread in all straps and completely turn them back.

PRODUCT FEATURES

- No need for tools or drilling.
- Very easy installation: simply wrap the collar around the pipe and close it -finished!
- Optimally suited for difficultly accessible environments.
- Zero distance possible between the pipe systems when used in conjunction with FP 300.
- Installation only on one side.
- Excellent acoustic insulation.

INTENDED USE

- Sealing of pipe penetrations in compliance with EN 1366, DIN 4102 and MLAR 2005/LAR/RbALei.
- For use in wall and ceiling penetrations.
- For combustible pipes, multi-layer composite pipes with combustible insulation (R90).
- For vacuum cleaning pipes and pneumatic tubes.
- For soundproofed discharge pipes.

APPLICATION

- The pipe must be clean and free of foreign matter (e.g. mortar residues).
- Wrap the sleeve tightly around the pipe.
- When closing the sleeve, turn the straps all the way back so that the foam on the inner edge is slightly impressed.
- Insert the sleeve so that it protrudes equally on both sides of the wall.

REQUIRED AMOUNT

- Only one sleeve is required per pipe.

PLEASE NOTE

- The Fire Protection Collar BIS Pacifyre MK II is a required system component for combustible pipes in conjunction with Tangit FP 550 Fire Protection Foam.
- Fire-resistant penetrations must be equipped with an identification plate.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

PRODUCT FEATURES

- Absolutely dust- and fibre-free (contrary to mineral wool and mortar).
- Provides a minimum of 90 minutes fire protection.
- Fast and easy application.
- Free of plasticizers, solvents and halogens.
- Complies with DIN 4102 (B2) and MLAR 2005/LAR/RbALei
- Future-proof due to compliance with the European standard EN 1366.

INTENDED USE

- For sealing annular gaps around combustible and non-combustible pipes or around single cables acc. to MLAR 2005/LAR/RbALei.
- For sealing plasterboards when using Tangit FP550 Foam in ceilings.
- Excellently suited for sealing walls that have been doubled with plasterboards.

APPLICATION

- The substrate must be clean and dust-free.
- When passing single cables or pipes through the wall or ceiling acc. to MLAR 2005/LAR/RbALei, these must be inserted centrally into the drill-hole.
- Please refer to our "Tangit Fire Protection Handbook" for detailed application information.

REQUIRED AMOUNT

- At a strand thickness of 6 mm, one cartridge has a yield of 11 m.

PLEASE NOTE

- The Fire Protection Mastic Tangit FP 440 is a required system component for sealing penetrations in ceilings with Tangit FP 550 Fire Protection Foam.
- Fire-resistant penetrations must be equipped with an identification plate.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

- For easy sealing of annular gaps
- Absolutely dust- and fibre-free (contrary to mineral wool and mortar)
- Ideal for optimized MLAR constructions



TANGIT FP440 FIRE PROTECTION MASTIC

System component for ceilings

PACKAGING DETAILS

12 cartridges of 310 ml



On ceilings FP 440 provides a connection between the paneling and the building structure.



FP440 fills joints between the panels used for cladding the penetration of a ceiling.

- Provides a minimum of 180 minutes fire protection
- Perfect for expansion joints
- Flexible material properties

TANGIT FP410

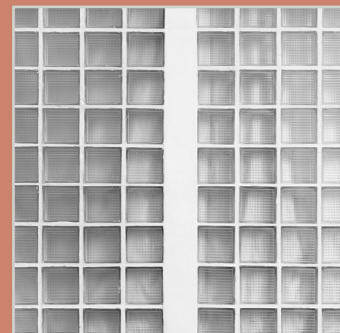
FIRE PROTECTION SILICONE



Core product

PACKAGING DETAILS

12 cartridges of 310 ml (grey/white)



For sealing fire rated expansion joints.



For sealing joints, cracks and holes in structural components, e.g. ceiling supports.

PRODUCT FEATURES

- Protects expansion joints and small wall openings for a minimum of 180 minutes against fire and smoke – certified acc. EN 1366.
- Flexible material properties.
- Excellent adhesion.
- Solvent-free.
- Complies with DIN 4102 (B2).

INTENDED USE

- Highly fire-resistant silicone for sealing of expansion joints.
- For filling cracks, joints and holes in walls and ceilings.

APPLICATION

- The substrate must be clean and dust-free.
- Please refer to our "Tangit Fire Protection Handbook" for detailed application information.

REQUIRED AMOUNT

- At a strand thickness of 6 mm, one cartridge has a yield of 11 m.

PLEASE NOTE

- Please also refer to our Technical Data Sheet and Safety Data Sheet.

PRODUCT FEATURES

- Protects connection joints and small wall openings for a minimum of 180 minutes against fire and smoke – certified acc. EN 1366.
- No primer required.
- Excellent adhesion.
- Can be painted over.
- Solvent-free properties.
- Complies with DIN 4102 (B2).

INTENDED USE

- Highly fire-resistant acrylate for sealing of structural connection joints.
- For filling cracks, joints and holes in walls and ceilings.

APPLICATION

- The substrate must be clean and dust-free.
- Please refer to our "Tangit Fire Protection Handbook" for detailed application information.

REQUIRED AMOUNT

- At a strand thickness of 6 mm, one cartridge has a yield of 11 m.

PLEASE NOTE

- Please also refer to our Technical Data Sheet and Safety Data Sheet.

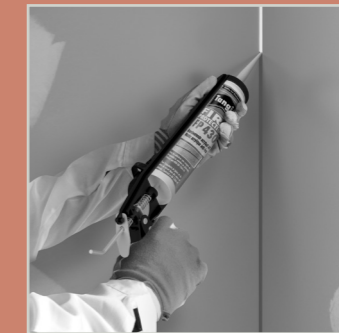
- Provides a minimum of 180 minutes fire protection
- Perfect for connection joints
- Paintable



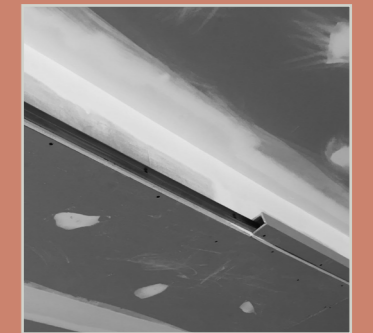
Core product

PACKAGING DETAILS

12 cartridges of 310 ml (grey/white)



For sealing structural joints, e.g. wall connections.



For sealing joints, cracks and holes in structural components, e.g. ceiling supports.

TANGIT FP430

FIRE PROTECTION ACRYLATE

- Optional consistency: either pumpable or stiff (non-slump)
- High adhesion to the substrate
- Shrink-free

TANGIT FP300

FIRE PROTECTION MORTAR



PACKAGING DETAILS

1 bucket of 10 kg



Core product for the classical mortar bulkhead. FP 300 can be applied by hand or mortar pump.



Mortar bulkhead around a metal pipe passage.

PRODUCT FEATURES

- Optional consistency: either pumpable or stiff (non-slump).
- High adhesion to the substrate.
- Can be applied with mortar pumps.
- Also suitable for manual application.
- Shrink-free.
- Complies with DIN 4102 (A1), DIN EN 13501, DIN EN 998-2 and MLAR 2005/LAR/RbA Lei.

INTENDED USE

- Mandatory for the sealing of ventilation flaps, air ducts and fire-resistant doors acc. to DIN 4102-4/-5.
- For fixing cables, pipes, collars and sleeves in mortar.
- For filling joints and holes in walls and ceilings.

APPLICATION

- The substrate must be clean and oil- and grease-free.
- Moisten the substrate before applying the mortar.
- Mix Tangit FP 300 with water until the desired consistency is reached. The mixing ratio is 3:1 (3 kg FP 300 mortar : 1 l water) for the flowable consistency and 5:1 (5 kg FP 300 mortar : 1 l water) for the stiff consistency.
- After hardening, Tangit FP 300 is paintable.

PLEASE NOTE

- Fire-resistant penetrations must be equipped with an identification plate.
- Please also refer to our Technical Data Sheet and Safety Data Sheet.

PRODUCT FEATURES

- Transparent to ensure controlled foam application during the installation.
- Time-saving and easy-to-use sheeting support.
- Highly resistant thanks to fabric reinforcement.
- Good adhesion also on rough substrates.
- Easily tearable by hand.
- Easy removal after curing of the fire protection foam.

INTENDED USE

- Transparent sheeting aid for the sealing of penetrations.
- For securing the pipes and cables passing through the penetration.

APPLICATION

- The substrate must be clean and dust-free.
- Please refer to our "Tangit Fire Protection Handbook" for detailed application information.

REQUIRED AMOUNT

- Sufficient for the sheeting of approx. 5 penetrations from both sides.

PRODUCT FEATURES

- Optimized design to ensure ease of squeezing and homogeneous mixing.
- Matched especially for use with Tangit M 3000 Foam and FP 550 Foam.
- Patented Swiss brand technology.

INTENDED USE

- Homogeneous mixing of the two components of Tangit M 3000 House-Lead-in Foam and Tangit FP 550 Fire Protection Foam.
- Additional mixers for the removal of residues from opened M 3000 and FP 550 Foam car.

REQUIRED AMOUNT

- 1 mixer per operation.

PRODUCT FEATURES

- Highest quality for intensive users.
- Optimized squeezing for easy and precise injection of 2-component foam.
- Low gun weight to ensure tireless working.
- Matched especially for use with Tangit M 3000 Foam and Tangit FP 550 Foam.
- European brand quality.

INTENDED USE

- For injecting Tangit M 3000 House-Lead-in Foam and Tangit FP 550 Fire Protection Foam.
- For the professional use of 2-component cartridges.

REQUIRED AMOUNT

- Withstands at least 1,500 cartridge operations.

- Transparent to ensure controlled foam application
- Good adhesion also on rough substrates



TANGIT FP200

SHEETING TAPE

6 rolls of 50 m

- Matched for use with Tangit M 3000 Foam and FP 550 Foam
- Patented Swiss brand technology



TANGIT FP504

SPARE MIXERS

4 bags with 10 mixers

- Highest quality for intensive users
- Low gun weight



TANGIT FP520

CARTRIDGE GUN

1 gun

Tangit

