

Tangit M 4082

Sealing hose



PROPERTIES

- System component of Tangit M 3000;
- Waterproof according to DIN 18195, Load case 6 pressing water (M3000 + M4082);
- Self-sealing on contact with water;
- Very simple and safe installation;
- Suitable for all single-split mains entries.

APPLICATION AREAS

- Additional component for Tangit M 3000 expansion resin.
- Annular space sealing in wet installation according to DIN 18195.
- For all media pipes, protective and lining pipes.
- Buildings with and without basements.
- Repair of leaking penetrations.
- Waterproofing of well heads.
- Suitable for annular gaps from 8 to 15 mm.
- Suitable for pipe diameters up to 90 mm.
- In case of larger pipes and annular gaps several sealing hoses can be combined to form a sealing pack.

SUBSTRATE PREPARATION

The bearing of hole must be clean, load-bearing and smooth-walled. If necessary, it must be prepared accordingly before installation.

Residual moisture in the masonry can be tolerated, standing moisture must be avoided at the moment of installation.

PREPARATION

- Push the Tangit M 4082 sealing hose tightly and with at least three wraps around the media line into the annular gap up to the installation depth of 50 mm behind the outside of the wall.
- Ensure an annular space of at least 8 mm on all sides by suitable fixing of the house entry.
- Seal annular gap provisionally on both sides (e.g. with PE round cord) to prevent uncontrolled resin leakage.
- When backfilling with Tangit M 3000 expansion resin, start with the outer annular space in front of the sealing tube.
- Insert the extension tube to the greatest depth of the annular space, apply the required amount of resin at the highest point of the media line and then slowly pull it back.
- Before filling the inner annular space on the back of the sealing hose, recompress it with a suitable tool (e.g. meter stick or similar) against the outer resin cushion for optimum function.
- Insert the extension tube into the annular space up to the front of the sealing hose packing and introduce the resin in the required quantity over the highest point of the media line; only then withdraw the extension tube.
- Resin leakage at the filling opening indicates complete filling; if necessary, refill.
- The Tangit M 4082 sealing hose must be completely surrounded on both sides by Tangit M 3000 expansion resin.

TECHNICAL INFORMATION

Dimensions: length: 80 cm, diameter: approx. 1.5 cm.

Package size: 6 sealing hoses.

IMPORTANT NOTES

Storage: Dry and protected from light.

Storage stability: Unlimited in closed original container.

TECHNICAL DATA

Raw material base: Polyacrylate.

Expansion rate: Approx. 2-fold increase in volume on contact with water, achieved after 20 minutes in free space.

Consumption: 1 sealing hose is sufficient for a common house entry, for others see below.

Consumption table

I. Core drilling: 80 mm

Pipe diameter	Consumption / pieces
50 mm	1
60 mm	1

II. Core drilling: 100 mm

Pipe diameter	Consumption / pieces
52 mm	2
60 mm	2
85 mm	-

III. Core drilling: 120 mm

Pipe diameter	Consumption / pieces
52 mm	3
60 mm	3
85 mm	1* (2)

-: no installation possible;

* depending on the situation. Possibly double the number of windings

For fastening and permanent sealing against pressing water according to DIN 18533 W2.1-E

