

# EXP

## SELF-ADHESIVE, PRECOMPRESSED FOAM TAPE FOR SEALING JOINTS, SEAMS AND FLANGES

- Fills in all uneven gaps.
- Offers protection against humidity, dust, noise, cold loss and heat loss, ...
- Has a water-resistant finish.
- Very good UV protection.
- Very slow expansion.
- Does not show any signs of ageing thanks to its synthetic coating.
- Free of bitumen and does not run.
- Foam tape is impregnated with fire-resistant aluminium oxide.
- Suitable for even and uneven surfaces.
- Meets the BG1 standard and Class B1 fire standard.



### Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

# EXPANSION TAPE

## General Information

EXPANSION TAPE is a compressed swelling tape for storm-resistant sealing, with a polymer impregnation for long-term stability. The BG1 classification of EXPANSION TAPE guarantees complete wind and water tightness (driving rain) up to wind force 11 at a building height of 100 metres. In addition, EXPANSION TAPE is

almost completely vapour permeable (Sd-value 0.5), which corresponds to current building requirements. Due to its slow expansion, the tape can be applied from the roll. EXPANSION TAPE can be painted or plastered, but is itself UV and weather resistant.

## Technical Information

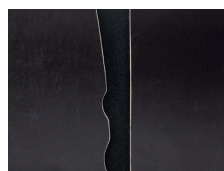
Technical information and packaging  
 Tape composition: Polyurethane foam impregnation / polymer dispersion.  
 Adhesive: synthetic rubber.  
 Colour: grey.  
 DIN 18542 class: BG1.  
 Rain resistance: > 600 Pa (wind force 11).  
 Water vapour permeability: Sd ≤ 0.5 (= open to vapour).

Windtightness: windproof according to EN 1026.  
 Insulation value:  $\lambda$  (lambda) = 0.043 W/mK.  
 Fire behaviour DIN 4102: B1 (fireproof material).  
 Temperature resistance: 30°C to +90°C.  
 Processing temperature: +5°C to +35°C.  
 Can be painted: yes.  
 Shelf life: 18 months, stored in cool, dry conditions in the original packaging.

## Application and Use

- Applications:
- Sealing of construction joints such as those in windows, doors and facades.
- Sealing of expansion joints in facades.
- Windproofing of joints and roof linings.
- Acoustic and thermal insulation of prefabricated buildings and timber frames.
- Alternative or supplement to polyurethane foam (the use of the expansion strip during the installation of windows creates a wellfinished edge on the outside, which guarantees watertightness and at the same time forms an effective barrier for the possible application of polyurethane foam as additional insulation).
- Use:
- Apply to stable, dry and clean surfaces. Parallel joints will ensure optimum clamping results.
- Use a tape clamp to prevent the roll from stretching.
- Remove the protective film and stick the tape into the joint without stretching it. Apply 2-3 mm from the outside of the joint for an aesthetic result. Apply from bottom to top and press with a spatula.
- Apply in straight lines, without bends.
- To avoid moisture penetration:
  - In corners: apply the horizontal strip first, then the vertical piece.
  - For cross-connections: first apply the vertical strip along the entire length. Then the horizontal pieces.

Article nr	Name	Content	Section
N564102	Expansion Tape 10/2	1pc.	TAPES
N564103	Expansion Tape 10/3	1pc.	TAPES
N564104	Expansion Tape 10/4	1pc.	TAPES
N564152	Expansion Tape 15/2	12,5m	TAPES
N564153	Expansion Tape 15/3	1pc.	TAPES
N564154	Expansion Tape 15/4	1pc.	TAPES
N564156	Expansion Tape 15/6	1pc.	TAPES
N564202	Expansion Tape 20/2	1pc.	TAPES
N564204	Expansion Tape 20/4	1pc.	TAPES
N564206	Expansion Tape 20/6	5,6m	TAPES



TAPES

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