



# UNIFLEX PE™

BOND BREAKER TAPE

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## PRODUCT FEATURES

**UNIFLEX PE™ Bond Breaker Tape** is a non-extruding, non-absorbent, highly resilient, bitumen free, closed cell polyethylene designed as a bond breaker tape for isolating and eliminating cold-applied elastomeric joint sealants adhesion to concrete, metals and joint filler boards.

**UNIFLEX PE™ Bond Breaker Tape** come with self-adhesive tape, which has comfortability hugely to irregular surfaces. It stops joint sealants from adhering to the surfaces and preventing "three-sided adhesion" which limits the sealants ability to accommodate movement.

## ADVANTAGES

- Non-absorbent surface eliminates three-side adhesion of the elastomeric sealant
- Bitumen free and rot proof, ideal for water retaining structures
- Closed cell structure does not allow the absorption of moisture or air
- Fully compatible with a wide variety of sealants
- Save time and money

## FIELD OF APPLICATION

Brickworks, Blockworks & Masonry	Curtain Walls
Expansion, Isolation & Control Joints	Pre-cast Panels
Highway & Pavements Joints	Window & Door Applications
Parking Decks	Repairs Work

## TECHNICAL PROPERTIES

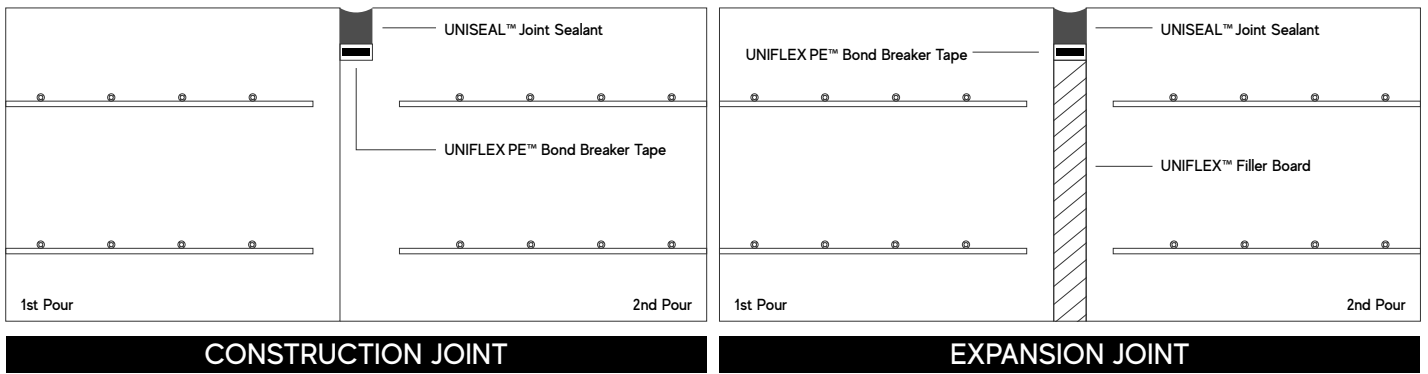
TEST	UNIT	TEST METHOD	RESULTS
Density	kg/m <sup>3</sup>	ASTM D 792	85 +/- 10%
Tensile Strength	kgf/cm <sup>2</sup>	ASTM D 412	13
Elongation	%	ASTM D 412	< 130
Hardness	SHORE A	JIS K7312 - 96	35 +/- 3
Compression Deflection	kgf	ASTM D 1056	3.3

\*THE ABOVE GIVEN INFORMATION SHOULD BE CONSIDERED AS A GUIDE BUT CANNOT BE REGARDED AS AN ENGAGEMENT FROM OUR SIDE\*

## PHYSICAL PROPERTIES

MATERIAL	Closed Cell Polyethylene (PE) with self-adhesive tape
COLOUR	Black
SIZE	• 20mm x 2m length                      • 50mm x 2m length • 25mm x 2m length                      • 75mm x 2m length *(other sizes available upon request)
THICKNESS	3mm to 50mm
WEIGHT	Dependent upon sizes

## TYPICAL DRAWING



## INSTALLATION PROCEDURES

The joint surface must be clean, dry and free from oil, loose particles, cement laitance and other contaminants which may affect the adhesion. A thorough wire brushing, grinding, sand blasting or solvent cleaning may be required to expose a clean and sound substrate. Remove all round or sharp edges and corners which might perforate or cause damage to the backer rod.

In a typical joint the sealant should adhere to both opposite surfaces of the sealant slot but not to its base, leading to two sided adhesion; not three sided adhesion.

To prevent the sealant adhering to the base surface or filler board, apply Bond Breaker Tape along the whole width / length of base of the joint.



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