



JointTape A989/E/S

Flexible and Compressible Tape for Joint/Gap

即裝阻燃伸縮縫膠貼膜

1.0 Description

JointTape A989/E/S are prefabricated, elastic joint tape made of various architectural grade sealant polymer (Silicone, Polysulphide, Ms Polymer). JointTape A989/E/S offers joint sealing systems which can accommodate movements in more than one direction.; and for A989E, it is designed for environment where fire retarding system is expected. It is also an ideal bedding material for fire door perimeter with full flexibility for user to trim and cut for any size fitting actual requirement.

2.0 Technical Data

Elastomer density Silicone	1.3 (A989)
Ms Polymer	1.45 (A989E)
Polysulphide	1.38 (A988S)
Shore A hardness	25 ± 1
Recovery Capacity	-25 > 90% (A989)
Service Temperature	-35 °C – 90 °C (A989E) -15 °C – 0 °C (A989S)
Chemical Resistance	Very good

Movement Design Chart

	Movement Accommodation Factor ISO9047	Elongation And Break	Ultimate Tensile Strength	Designed Movement Range vs Tape Length				Flammability Fire Retard Test BS476 PT7 1997
				60mm	100mm	120mm	150mm	
A989	50%	600%	0.76mpa	≤30mm	≤50mm	≤60mm	≤75mm	Class 2
A989E	18%	35%	0.82mpa	≤10.8mm	≤18mm	≤21.6mm	≤27mm	Class 1
A989S	30%	48%	0.73mpa	≤18mm	≤30mm	≤36mm	≤45mm	Class 3

3.0 Uses

- Joint sealing system for sealing and restoring of external above grade building construction and expansion joints. For building materials such as e.g. concrete, reinforced concrete, stone, plaster, artificial plaster, wood aluminium, steel and glass. JointTape A989 system can be used for all types of joints as e.g. joints with over 50% total movement, under designed joints between buildings, joints subject to early stress etc.
- Bedding gasket for Fire Proof opening, door, windows.

4.0 Chemical Resistance

- A989/E/S Relative resistance to petrol, to diluted alcohol and to diverse solvents.
- A989/E/S Ultraviolet and ozone resistant, tested excellent after 54 000 hours accelerated ageing.

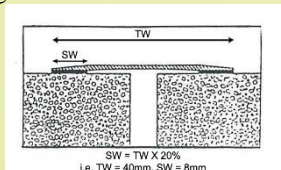
5.0 Application

JointTape A989/E/S is ready to-use product which is applied by direct fixing method:-

- Clean and Clear substrate;
- Apply one layer of Labond Superbond S535e to achieve minimum thickness of 2 mm with width ≈ 20% of total width of tape;
- Fix JointTape A989/E/S onto substrate and slightly press to bond up with adhesive.

5.1 For Wide-Gap

The width of the bonding surface should be about 20% of the tape width, not wider because the elongation will be reduced.



TW = Width of Tape

SW = Width of Adhesive layer

JW = Width of Joint or Gap

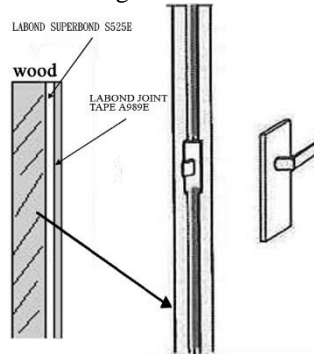
JOINTTAPE A989



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5.2 For Bedding/Gasket

Trim and cut the dimension of Joint Tape to fit with existing substrate.



6.0 Typical Drawing

<p>Expansion Joint</p>	<p>Crack Bridging</p>	<p>Structural Expansion Joint of two parallel structures.</p>
<p>Curve Joint</p>	<p>Structural Expansion Joint of two independent structures.</p>	<p>Intersection</p>

7.0 Packaging

6 meters/roll (in width size 60mm, 100mm, 120mm, 150mm)

8.0 Qualified Applicator

For bigger scale of productions, it is highly recommended to employ Master Proofer's qualified applicators. The Technical office of Master Proofer Company Ltd. is readily available for advice on any of LABOND's products.

9.0 Technical Services

The Technical office of Master Proofer Company Ltd is readily available for advice on any of LABOND's products.