



TEGRABOND®

Water Activated Tape Systems

XTEGRA®
PACKAGING INTEGRITY SECURED

Xtegra® tamper evident and security packaging products...

> DETER

pilferage, tampering and infiltration of hazardous substances or counterfeit products.

> PREVENT

contamination of contents due to inadequate sealing.

> ALERT

all logistics personnel to consignment requirements.

> REDUCE

the risk of damage to fragile contents and loss of valuable goods.

> EXPOSE

mishandling and breaches of security.

Use Xtegra® products to protect your brand, optimise security, reduce costs and despatch your products with peace of mind and total confidence.





Tegrabond[®] water activated tape systems provide the ultimate tamper evident, integrated tape sealing security solution.

Market-leading Tegrabond[®] water activated tapes create an effective 'first line of defence' against potential pilferage and contamination.

Compare the images below; a carton sealed with conventional pressure sensitive tape is unable to withstand a forced entry, whereas water activated tape resists any incursion by creating a bond with the cardboard surface that is even stronger than the cardboard itself.



> pressure-sensitive tape separates from the carton under pressure.



> Tegrabond[®] tape maintains its seal under pressure



Consider the advantages of Tegrabond® Water Activated Tapes...

1



An integral Closure

The adhesives in Tegrabond® water activated tape penetrate into the fibres of the carton, creating a total bond. As the tape becomes an integral part of the carton this adds considerable strength to the closure as opposed to the purely top-surface bond of standard packaging tape adhesive. Plastic tape does not provide the same level of security as Tegrabond® water activated tape.

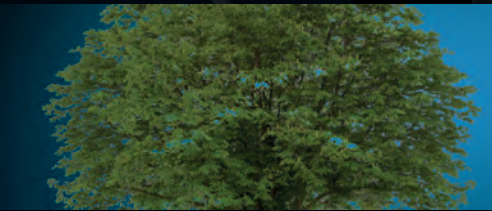
2



Tamper Evidence

Tegrabond® water activated tape cannot be removed from the carton without leaving traces of damage, unlike standard packaging tapes which can be removed with no visible trace. Hence Tegrabond® water activated tape offers clearly visible proof of a package's seal being tampered with. Specialist Tegrabond® tamper-evident reinforced tape is also available for increased security protection.

3



100% Recyclability

Tegrabond® water activated tape is made from renewable natural resources which makes recycling easier. Packaging research associations have all given Tegrabond® water activated tape recyclability accreditation, making it the environmentally-friendly choice for the packaging professional.

4



Temperature Tolerant

Even with extreme variations of temperature and humidity, Tegrabond® water activated tape's seal retains its strength and remains highly resistant to ageing, making it the ideal solution for long term storage.

5



Improved Packaging Presentation

Tegrabond® water activated tape also out-performs plastic tape on presentation, adhering flat against the carton and blending with the character of the cardboard, in contrast with the shiny, rippled seal often seen with plastic tape. Tegrabond® water activated tape also shows the customer that you care for the environment.

6



Cost Savings

Tegrabond® water activated tape is a cost effective way of carton sealing and can be cheaper per linear metre than any reasonable grade packaging tape. Only one strip of Tegrabond® water activated tape is generally required where several strips of cheap plastic tape would be otherwise needed.

7



Increased Productivity and Reduced Operator Fatigue

When applying Tegrabond® water activated tape with our professional range of Tegrabond® taping machines, we have proven test records of increased productivity and a reduction in operator fatigue compared with the results of using a combination of plastic tape and standard tape guns.

Optimum presentation

The appearance of cartons sealed with Tegrabond[®] water activated tapes is far superior to those sealed with conventional vinyl or polypropylene pressure sensitive tapes.

Tegrabond[®] tapes are made of sturdy kraft paper that creates a smooth, crease-free seal that blends permanently with the cardboard surface of the carton. In contrast, pressure sensitive tapes easily distort and crease during application and transit.

Tegrabond[®] water activated tapes also require substantially less tape than pressure sensitive tapes to effectively seal a carton, resulting in a more professional presentation at a lower overall cost.

To prove the superiority of Tegrabond[®], we asked a parcels despatch unit to send three otherwise identical, heavy consignments via a single carrier to the same destination, using two conventional parcel sealing methods and Tegrabond[®] tape. Here we show the condition in which they arrived...



The first parcel had been sealed with printed vinyl warning tape; as per common practice, several overlapping strips had been applied to ensure a complete seal. Due to the weight of the contents it had also been plastic strapped, in case the seal burst under pressure.

When the parcel arrived, the vinyl tape had curled and lifted in several areas and the strapping had dug into the carton. Presentation was poor and the protection of the contents had been compromised.



The second carton had been secured with metal carton staples. On arrival, the staples had torn and damaged the carton, making it unsightly and insecure. An incomplete seal of the carton seams also allowed the ingress of dust, resulting in poor presentation of the contents.

As the contents of the parcel were individually boxed, we found no evidence of damaged caused to them by the sharp staple ends, which can be a problem with this method of packing.



As with all the parcels, the consignment that had been sealed with Tegrabond[®] water activated tape showed typical signs of rigorous handling, but as all seals were fully intact there was no evidence of severe mistreatment or attempted tamperage.

Overall presentation remained professional and secure, with none of the carton distortion that had occurred with the other two consignments, due to weakening of their seals.

BP555 8
Electronic Water Activated Tape Dispenser

BP500 10
Electronic Water Activated Tape Dispenser

BP333 11
Manual Water Activated Tape Dispenser

35 12
Manual Water Activated Tape Dispenser

EPS80 13
Manual Water Activated Tape Dispenser

Accessories 14
Water Activated Tape Dispenser Accessories

Tapes 15
The Tegrabond® range of Water Activated Tapes



BP555

Electronic Water Activated Taper Dispenser

The BP555 Electronic Water Activated Taper Dispenser offers the most options and the highest level of automation currently available from Xtegra® Tegrabond®.

In fast-paced packing and shipping environments where increased productivity, worker efficiency and carton sealing output are essential, the BP555 is the ultimate carton sealer, suitable for plain and reinforced tape up to 70mm wide.

The BP555 is also the only electronic, water-activated tape dispenser in the industry to be listed and approved by independent safety certification company Underwriters Laboratory.



Unique Safety Features

- > Thermal cut-off: prevents the motor from overheating, even after extensive use.
- > Safety interlock switch: disables the cutting blade when the front cover is open.
- > Build quality: flame-retardant plastic, steel side frames, high grade solenoid linkages and zinc-plated stainless steel parts.

Applications

- > High volume, fast-paced shipping environment.
- > Packing and sealing more than 100 cartons per day/per 8hr shift.
- > Tape output of 1.143 metres per second.
- > 305 metre roll capacity.



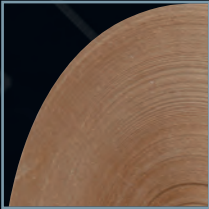
- > **Water Reservoir**
New, higher volume water reservoir to increase tape dispensing between fills

- > **Easy Tape Access**
The full fold-back construction of the BP555 makes changing tape reels simple

Full range of BP555 accessories on page 14

TEGRABOND®

Better Pack
555e



Largest tape capacity in the industry
Eliminates the need for frequent roll changes.



Extra heavy duty, self-lubricating blade
For consistently superior cutting.



Steel frame construction covered with ABS plastic
For strength, durability and impact resistance.



20% increase in motor power
For longer life, cooler running and smoother operation.



Extra long detachable cord
For improved operator ease, comfort and safety.



Ergonomic design
Allows for operation from either side of machine.



Automatic Function
Allows the operator to specify tape lengths and will automatically dispense them in a pre-configured sequence, to dramatically increase productivity.



Programmable Keys
Set tape lengths up to 305cm depending on model. Tape length is adjustable (up or down) in 12.7mm increments.



Random Key Length
To allow tape to be dispensed in any length.

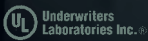
| Specifications: | |
|----------------------------|------------------------|
| Mains supply: | 240v |
| Power consumption: | 300W |
| Water brushes: | 3 |
| Dimensions (w x d x h) mm: | 320 x 510 x 305 |
| Weight: | 15kg |

> Fully Electronic Control Panel
Improves reliability and serviceability



BP500

Electronic Water Activated Tape Dispenser



> Fully Electronic Control Panel
Improves reliability and serviceability

The user-friendly BP500 electronic water-activated tape dispenser from Xtegra® Tegrabond® is suitable for reinforced and non-reinforced water activated tape, either as 'gummed side in' or 'gummed side out'.

The rugged BP500 offers straightforward operation and one-touch, bench-mounted tape dispensing.

Engineered for durability, ease of use and safety, this workhorse stands up to rough handling and harsh conditions in most packing and shipping environments. Fast and reliable, the BP500 will improve the efficiency and speed of all operations handling medium to high packaging volumes.

Applications

- > Medium to high packaging volumes (exceeding 100 cartons per day/ 8 hour shift).
- > Performs well in demanding or harsh working environments - cold, heat, dust...

Specifications:

| | |
|----------------------------|------------------------|
| Mains supply: | 240v |
| Power consumption: | 300W |
| Water brushes: | 3 |
| Dimensions (w x d x h) mm: | 320 x 457 x 267 |
| Weight: | 13.6kg |



Adjustable Top Heater

Warms tape-moistening water to optimise bonding properties of water activated tape.



Blade Lifter

Allows quick clearing of debris from tape path without special tools.



Steel frame construction covered with ABS plastic
For strength, durability and impact resistance.



Large Water Bottle

Ensures less downtime, fewer refills.

BP333

Manual Water Activated Tape Dispenser

The rugged BP333 from Xtegra® Tegrabond® is the world's top-selling manually operated, dispenser for water activated tape in the industry.

Reliable and user-friendly, it has fifteen manually set tape lengths and is ideal for use where there is no convenient electrical power supply or where greater portability is required.

The BP333 is built to last and engineered to provide many years of consistent, reliable performance. This dispenser is perfect for light to medium usage and can be used with either reinforced or non-reinforced water activated tapes.

Applications

- > Sealing between 1 and 100 cartons per day/per 8hr shift.
- > Packing stations without access to electricity.
- > When there's a need to move the tape dispenser between various locations.



Superior Mechanics and Guillotine Blade

Delivers clean, even cutting of reinforced and non-reinforced tape



Rugged Engineering

Steel side frame construction ensures durability and long life.



Fast Length Selection

Quickly choose one of 15 preset tape lengths on clearly marked dial.



Full range of Tapes on page 15



- > Preset Length Tape Output
Increases efficiency and productivity

Specifications:

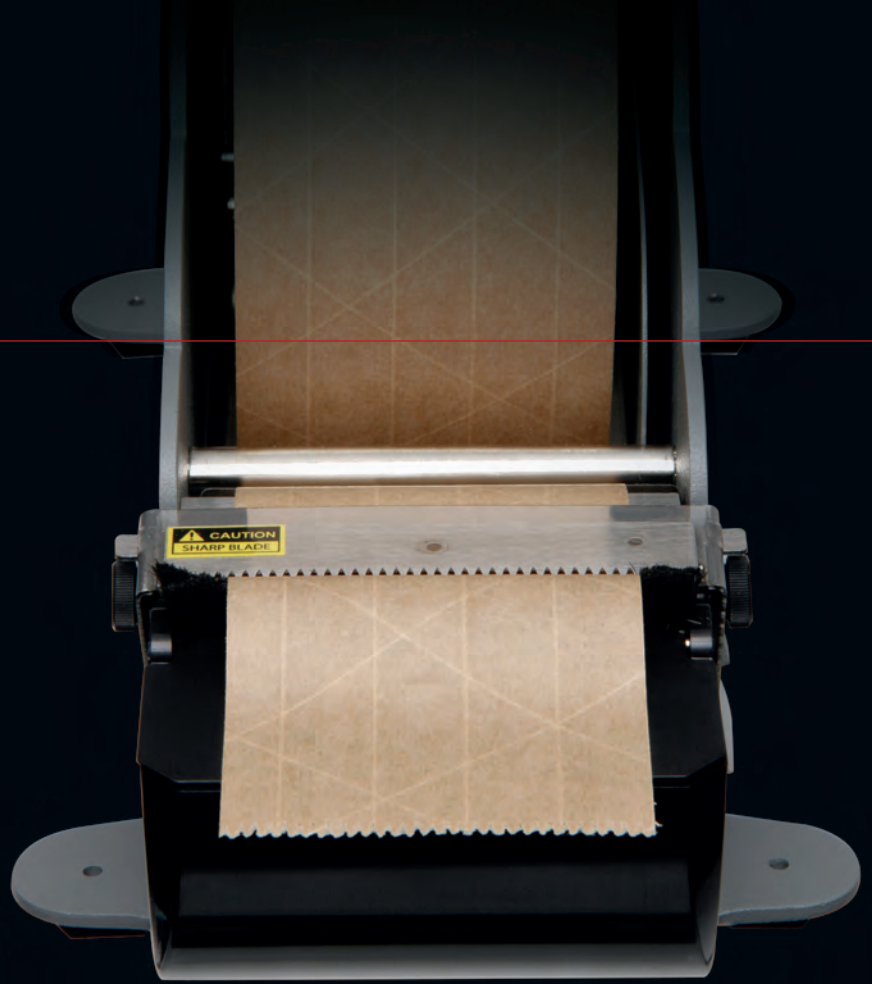
| | |
|----------------------------|-----------------|
| Water brushes: | 2 |
| Dimensions (w x d x h) mm: | 241 x 495 x 318 |
| Weight: | 10kg |

35

'Pull-and-Tear' Manual Water Activated Tape Dispenser

The Xtegra® Tegrabond® 3s is a user-friendly "pull and tear" water-activated tape dispenser, compatible with reinforced and non-reinforced water activated tapes from 25mm to 76mm wide.

Unique 'subway feed' provides uniform unrolling tension to aid tape moistening and ease of operation.



Versatile

Accepts tape rolls from 25mm to 76mm wide.



Rugged

Steel frame construction and generously-sized water reservoir.

Specifications:

| | |
|----------------------------|-----------------|
| Water brushes: | 1 |
| Dimensions (w x d x h) mm: | 155 x 368 x 155 |
| Weight: | 3kg |



Flexible

Can be easily positioned at the point of use.

Full range of Tapes on page 15

Applications

- > Low volume carton sealing.
- > Shipping less than 25 cartons per day.
- > Perfect for small and home offices, online traders and environmentally-conscious companies.

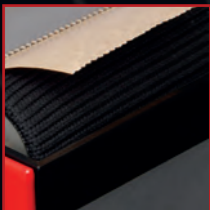


EPS80

'Pull-and-Tear' Manual Water Activated Tape Dispenser

The Xtegra® Tegrabond® EPS80 is an entry level, user-friendly "pull and tear" water activated tape dispenser, suitable for non-reinforced water activated tape up to 80mm wide.

Perfect for low volume use, the EPS80 is the ideal introduction to water activated tape usage, with all its advantages over pressure sensitive tapes.



Efficient Water Application
The rotating fibre applicator ensures the tape is evenly moistened as it is dispensed.



Rugged yet Lightweight
Steel frame construction and generously sized water reservoir.

Specifications:

| | |
|----------------------------|-----------------|
| Water brushes: | 1 |
| Dimensions (w x d x h) mm: | 155 x 368 x 155 |
| Weight: | 1.6kg |



Full range of Tapes on page 15

Flexible
Can be easily positioned at the point of use.

Applications

- > Low volume carton sealing.
- > Shipping less than 25 cartons per day.
- > Perfect for small and home offices, online traders and environmentally-conscious companies.



Accessories

AMD1

Automatic Measuring Device

The AMD1 interfaces with the BP555 to automatically measure cartons and dispense the perfect amount of tape each and every time.

Ideal for random size cartons - increase productivity by up to 20% plus save on tape wastage!



BP500IJS

Electric Dispensing System with Inkjet Printer

Dependable dispensing integrated with on-demand printing.

The 500IJS from Xtegra® Tegrabond® combines the rugged and reliable performance of a user-friendly tape dispenser with the added power of an integrated ink jet printer.

The Tegrabond® Ink Jet allows you to print directly on the tape as it is dispensed, with the ability to electronically store up to three logos at any time and print variable information.

The Tegrabond® 500IJS is engineered for durability, ease of use and safety. It is fast and reliable and will improve the efficiency and speed of medium to high volume packaging operations.

Specifications

- Controller Standard Operating Features:
- > Alpha/Numeric character set plus special characters
 - > Message length: 24 Characters of 12mm height or 48 Characters of 5.5mm height (24 per double-stacked line)
 - > Print resolution: 300 dpi at 61 metres per minute
 - > Programmable line speed
 - > Inverted Printing
 - > Programmable print delay
 - > Inter-character spacing (kerning)
 - > Programmable print direction
 - > Cartridge volume: 42cc
 - > Colours: Black, Blue, Red, Green, Yellow
 - > Low ink monitoring
 - > Power Required: 110-240 VAC, 50-60Hz 0.5a
 - > Ambient temperature: 10°C - 40°C
 - > Up to 80% RH non-condensing



BPFPS

Foot Pedal

(Hands free operation)
 Dispenses tape with a touch of the foot to allow both hands for carton sealing.



TA2000

Tape Aerial

Add a TA2000 Tape Aerial to the BP555 System to deliver and hold tape in an upright position for easy access and increased efficiency. Especially useful for long tape lengths.



Water Activated Tapes

Xtegra® Tegrabond® Water Activated Tapes

All Xtegra® Tegrabond® water activated tapes are manufactured to the highest standards, offering optimum sealing performance.

The features of all Tegrabond® water activated tapes are shown in full on page 5 of this brochure, but the following products deserve special mention.



Xtegra® Tegrabond® Sentry Seal WAT

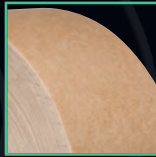
Highly visible security message to reduce pilferage. Pre-printed designs promote awareness but save the print costs and MOQs of bespoke print.



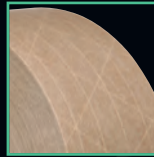
Xtegra® Tegrabond® E-Z Pull Tab WAT

Like all Xtegra® Tegrabond® tapes, E-Z Pull Tab Tape is a kraft paper tape with water activated adhesive that penetrates the surface of cartons to provide an incredibly strong and secure closure.

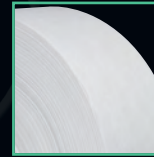
The unique feature of E-Z Pull Tab Tape is its patented pull tab and tear strip that facilitates opening of the consignment on arrival, but acts as a clear deterrent to tamperage during transportation. A perfect combination of security and convenience, this tape can be rapidly dispensed using the BP555EZ or BP333EZ dispensers.



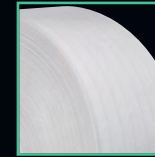
Non-Reinforced Kraft WAT



Reinforced Kraft WAT



Non-Reinforced White WAT



Reinforced White WAT



Printed WAT

Xtegra® Tegrabond® Water Activated Tapes

| Code | Grade | 38mm I.D. Core | Rolls/Case |
|----------------|------------------------|----------------|-----------------------|
| K6024 | K60 | 24mm x 200mtr | G5I 48 Rolls/Case |
| K6036 | K60 | 36mm x 200mtr | G5I/G50 32 Rolls/Case |
| K6048 | K60 | 48mm x 200mtr | G5I/G50 24 Rolls/Case |
| K6070 | K60 | 70mm x 200mtr | G5I/G50 16 Rolls/Case |
| K6096 | K60 | 96mm x 200mtr | G5I/G50 12 Rolls/Case |
| K7048 | K70 | 48mm x 200mtr | G5I 24 Rolls/Case |
| K7070 | K70 | 70mm x 200mtr | G5I 16 Rolls/Case |
| K9070 | K90 | 70mm x 200mtr | G5I/G50 16 Rolls/Case |
| WGT48 | White K70 | 48mm x 200mtr | G5I 24 Rolls/Case |
| RGT48 | Reinforced | 48mm x 100mtr | G5I 24 Rolls/Case |
| RGT70 | Reinforced | 70mm x 100mtr | G5I 16 Rolls/Case |
| KR500-6 | Reinforced Better Seal | 70mm x 152mtr | G5I 6 Rolls/Box |
| 76mm I.D. Core | | | |
| K6050-76/O | K60 | 50mm x 200mtr | G50 24 Rolls/Case |
| K6070-76/O | K60 | 70mm x 200mtr | G50 16 Rolls/Case |
| K7070-76/O | K70 | 70mm x 200mtr | G50 16 Rolls/Case |
| K9070-76/O | K90 | 70mm x 150mtr | G50 16 Rolls/Case |
| K7050-76/O | K70 | 50mm x 200mtr | G50 24 Rolls/Case |
| K7060-76/O | K70 | 60mm x 200mtr | G50 20 Rolls/Case |
| K7096-76/O | K70 | 96mm x 200mtr | G50 12 Rolls/Case |
| K6050-76/I | K60 | 50mm x 200mtr | G5I 24 Rolls/Case |
| K6070-76/I | K60 | 70mm x 200mtr | G5I 16 Rolls/Case |
| WGT9050-76/O | White K90 | 50mm x 200mtr | G50 24 Rolls/Case |
| WGT9070-76/O | White K90 | 70mm x 200mtr | G50 16 Rolls/Case |
| RGT7076C/O | Reinforced | 70mm x 100mtr | G50 16 Rolls/Case |

Xtegra® Tegrabond® Sentry Seal Water Activated Tape

| | | | | |
|----------|-------------------------------|---------------|-----|--------------|
| KRM.SS | Reinforced printed SentrySeal | 70mm x 152mtr | G5 | 6 Rolls/Case |
| KR50CAUT | Reinforced printed Caution | 70mm x 152mtr | G5I | 6 Rolls/Case |

Xtegra® Tegrabond® E-Z Pull Tab Water Activated Tape

| | | | | |
|----------|-------------------|---------------|--|---------------|
| EZ500K70 | E-Z Pull Tab Tape | 70mm x 152mtr | | 10 Rolls/Case |
|----------|-------------------|---------------|--|---------------|



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pilferage, tampering and infiltration of hazardous substances or counterfeit products.

> PREVENT

contamination of contents due to inadequate sealing.

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all logistics personnel to consignment requirements.

> REDUCE

the risk of damage to fragile contents and loss of valuable goods.

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mishandling and breaches of security.



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Authorised Distributor